Massachusetts Fire Incident Reporting System

Coding Manual

COMMONWEALTH OF MASSACHUSETTS
OFFICE OF THE STATE FIRE MARSHAL
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INTRODUCTION

This manual was prepared for Version IV of the Massachusetts Fire Incident Reporting System (MFIRS), for use with Forms FP-32, FP-33, FP-33B, FP-33C and FP-33D. Massachusetts law requires all fires in which a dollar loss is sustained or a human casualty is incurred to be reported to the State Fire Marshal's Office through MFIRS. However, many departments have chosen to use this system for recording all their incidents. We encourage fire departments who wish to do so to submit incident reports for all their fires. The standardized data collection system enables us to gain an accurate picture of the fire problem in the Commonwealth of Massachusetts.

Massachusetts participates in the National Fire Incident Reporting System. The data classification system used with the Fire Incident Report (FP-32), and the Civilian Casualty Report (FP-33), is from National Fire Protection Association (NFPA) 901, Uniform Coding for Fire Protection - 1976. The NFPA 901, Uniform Coding for Fire Protection - 1981, is used for the Firefighter Casualty Report (FP-33B).

This manual is a condensation and adaptation of the National Fire Incident Reporting System (NFIRS). The NFIRS Manual should be retained for reference.

POINTS TO REMEMBER

Structure Fires

Any fire which occurs in or on a structure is considered a structure fire. (Situation Found = 11). This includes cooking fires in the kitchen, chimney fires, barbecue fires on a porch, trash fires in a wastebasket, or a vehicle which burns while in a garage.

Complete the entire form for structure fires in your community. (The question on stolen vehicles may be left blank).

Vehicle Fires

Any outside fire involving a car, truck, boat, airplane, or construction equipment is a vehicle fire. (Situation Found = 13). Complete the entire form through "Level of Fire Origin" in Line M. Be sure to include as much identifying information as possible about the mobile property involved.

In many cases, no occupant will be present. Indicate N/A in Line E. The owner's name should be provided whenever possible.

Other Fires or Explosions

Incident reports for trash fires, brush fires, outside fires involving property of value, explosions with no after fires, outdoor spills or leaks with ensuing fires and unclassified fires (Situation Found = 10, 12, 14, 15, 16, 17 and 19) should be completed through "Level of Fire Origin". (The question on stolen vehicles may be left blank). The same information is required for explosions as is for fires.

When New Information Becomes Available

If additional information about an incident is obtained after the incident report has been submitted, a revised report should be submitted. To do so, check off the Revised Report box at the tip of the form, fill in the FDID number, the incident number and the date of the original fire, and any items which should be changed. Sign it and send it in.

The procedures described above are also used on casualty reports. It is particularly important that the Fire Marshal's Office maintain accurate statistics on fire deaths. A revised report is particularly important in the event of a subsequent fatality.

COMPLETING THE BASIC INCIDENT REPORT (FP-32)

MASSACHUSETTS FIRE INCIDENT REPORT

DEPARTMENT OF PUBLIC SAFETY — OFFICE OF THE STATE FIRE MARSHAL
1010 Commonwealth Avenue — Boston, Massachusetts 02215

Massachusetts Fire Incident Reporting System

(A) 10 FDID# | **Department** | **Revised Report** | **FORM FP-32**

Incident # | **If Exposure Fire Only:** | **DATE** | **Day Of Week** (1 Sun 2 Mon 3 Tue 4 Wed 5 Thu 6 Fri 7 Sat) | **Alarm Time** | **Arrival Time** | **Back in Service**

(B) SITUATION FOUND
11 ☐ Structure fire
13 ☐ Vehicle fire
14 ☐ Brush, grass, leaves
15 ☐ Trash, rubbish
16 ☐ Explosion. No after fire
17 ☐ Outside spill with fire
18 ☐ Other fires not classified
47 ☐ Chemical spill
44 ☐ Power line down
45 ☐ Arcing electric equipment
SEE MANUAL FOR OTHER CALLS

ACTION TAKEN
1 ☐ Extinguishment
2 ☐ Rescue or Assistance
3 ☐ Investigation only
4 ☐ Remove Hazard
5 ☐ Stand by
6 ☐ Salvage
7 ☐ Ambulance
8 ☐ Fill in, Move up

MUTUAL AID
1 ☐ Rec'd
2 ☐ Given
☐ N A

(C) FIXED PROPERTY USE (Occupancy) | IGNITION FACTOR

(D) CORRECT ADDRESS (Up to maximum of 21 characters) | ZIP CODE | CENSUS TRACT

(E) 11 OCCUPANT NAME (LAST, FIRST, MI) | TELEPHONE | ROOM or APT.

(F) 12 OWNER NAME (LAST, FIRST, MI) | ADDRESS | TELEPHONE

(G) 13 METHOD OF ALARM
1 Telephone direct
2 Municipal alarm system
3 Private alarm system
4 Radio
5 Verbal
6 No alarm recd.
7 Tie-line (911)
8 Voice signal municipal alarm signal
9 Not classified above
0 Undetermined or not reported

CO. INSPECTION DISTRICT | SHIFT | NO. ALARMS

(H) NO. FIRE SERVICE PERSONNEL RESPONDED | NO. ENGINES RESPONDED | NO. AERIAL APPARATUS RESPONDED | NO. TANKERS RESPONDED | NO. OTHER VEHICLES RESPONDED

HAZARDOUS MATERIAL PRESENT? YES ☐ NO ☐
SUBSTANCE
Special Equipment Used? _____

USE FP 33 FOR ALL CASUALTIES

(I) 20 FIRE SERVICE NUMBER OF INJURIES | NUMBER OF FATALITIES | OTHER NUMBER OF INJURIES | NUMBER OF FATALITIES | RESCUES

(J) MOBILE PROPERTY TYPE
11 AUTO, VAN
12 BUS
13 MOTORCYCLE
21 TRUCK OVER 1 TON
22 TRUCK UNDER 1 TON
41 BOAT, UNDER 65'
00 NONE

VEHICLE STOLEN? Yes ☐ No ☐
ESTIMATED TOTAL DOLLAR LOSS | Insurance Co. | Total Insurance $ | Claim Paid $

30 YEAR MAKE MODEL COLOR LICENSE NO. VIN #

40 IF EQUIPMENT INVOLVED IN IGNITION | YEAR MAKE MODEL SERIAL NO.

(K) COMPLEX | AREA OF ORIGIN | EQUIPMENT INVOLVED IN IGNITION

(L) FORM OF HEAT IGNITION | MATERIAL IGNITED | FORM | TYPE

(M) METHOD OF EXTINGUISHMENT
1 Self extinguished
2 Make shift aids
3 Portable extinguisher
4 Automatic ext. system
5 Pre-connect hose tank only
6 Pre-connect hose hydrant draft standpipe
7 Hand-laid hose hydrant draft standpipe
8 Master stream device

LEVEL OF FIRE ORIGIN
1 Grade level to 9 ft.
2 10 to 19 feet
3 20 to 29 feet
4 30 to 49 feet
5 50 to 70 feet
6 Over 70 feet
7 Objects in flight
8 Below ground level
9 Not classified above
0 Undetermined

Number of Stories
1 1 story
2 2 story
3 3 to 4 stories
4 5 to 6 stories
5 7 to 12 stories
6 13 to 24 stories
7 25 to 49 stories
8 50 stories or more

CONSTRUCTION TYPE
1 Fire resistive
2 Heavy timber
3 Protected noncombustible
4 Unprotected noncombustible
5 Protected ordinary
6 Unprotected ordinary
7 Protected wood frame
8 Unprotected wood frame
9 Not classified above
0 Undetermined or not reported

(N) EXTENT OF DAMAGE
1 Confined to the object of origin
2 Confined to part of room or area of origin
3 Confined to room of origin
4 Confined to the fire-rated comp. of origin
5 Confined to floor of origin
6 Confined to structure of origin
7 Extended beyond structure of origin
9 No damage of this type (N A)
Flame | Smoke

(O) **(P)** DETECTOR PERFORMANCE
1 Det. in room or space of fire origin—oper.
2 Det. not in rm. or space of fire origin—oper.
3 Det. in rm. or space of origin—no oper.
4 Det. not in rm. or space of origin—no oper.
5 Det. in rm. or space of fire origin but fire too small to oper.
9 Not classified above
0 Undetermined or not reported
8 No detectors present (N A)

SPRINKLER PERFORMANCE
1 Equipment operated
2 Equipment should have operated—did not
3 Equipment pre. but fire too small to oper.
9 Not classified above
0 Undetermined or not reported
8 No equipment present (N A)

(Q) IF SMOKE SPREAD BEYOND ROOM OF ORIGIN | MATERIAL GENERATING MOST SMOKE | FORM | TYPE

(R) WEATHER CONDITIONS

AVENUE OF SMOKE TRAVEL
1 Air handling duct
2 Corridor
3 Elevator shaft
4 Stairwell
5 Opening in construction
6 Utility opening in wall
7 Utility opening in floor
9 Not classified above
0 Undetermined or not reported
8 No avenue of smoke travel (N A)

MEMBER MAKING REPORT | DATE

Entries contained in this report are intended for the sole use of the State Fire Marshal. Estimations and evaluations made herein represent "most likely" and "most probable" cause and effect. Any representation as to the validity or accuracy of reported conditions outside the State Fire Marshal's office, is neither intended nor implied.
FIRE MARSHAL
FM ____ 1 Yes 2 No

ORIGINAL: FIRE DEPARTMENT — CARBON COPY: STATE FIRE MARSHAL

The following data elements should be completed on all incident reports, including mutual aid calls, that you are submitting to the State Fire Marshal's Office:

LINE A

FDID

The Fire Department Identification number is the unique 5 digit number assigned to your fire department or fire district. This number makes it possible for the computer to identify incidents to which your department responded, and to generate feedback reports for your community.

Department Name

Write in the name of your fire department or fire district. This enables us to manually correct the FDID if the numbers are reversed or illegible.

Revised Report

Place a check in the box if you are updating previously submitted information.

Incident Number

The incident number is a 6 digit number assigned by the local department. We suggest the incident number start with the year, such as 950001, or for the larger communities, 500001.

Exposure Number

An exposure number is used when a fire in a structure or vehicle is caused by a fire in another structure, vehicle, or outside property. All exposure fires from the same incident have the same incident number. The original fire is Exposure # 00, the first exposure is 01, the second is 02, etc. A separate incident report must be completed for each exposure fire. Also, if a fire is caused by exposure to another fire, an incident report must be submitted for the original incident as well, even if no dollar loss was incurred in the original fire.

Exposure fires get a little tricky. Any fire in a building, structure or vehicle that was caused by a hostile fire outside that building, structure or vehicle, or a fire that extends to an outside property from a burning structure or vehicle should be considered an exposure fire. If fire from a burning building spreads to a truck parked outside, the truck is considered an exposure fire and would require a separate exposure incident report. It would have the same incident number as the original incident.

Use Ignition Factor code 65 - 'Property too close to' for fires caused by exposure to a hostile fire. Your Form of Heat of Ignition code should be in the 80's. Number of alarms, personnel, apparatus and, in most cases, casualties, should be noted on the original incident only. If you report that flame damage extended beyond the structure of origin (Code 7), complete an incident report for the exposure fire.

What's not an exposure? A vehicle burning inside a garage is contents of a structure fire. Separate apartments or stores in one building are not exposure fires. However, it may make sense to attach an addendum with names, insurance and dollar loss for each occupant or business. If a structure catches fire from a friendly brush fire, the structure is the original fire, and the ignition factor is inadequate control of an open fire (Code 34).

Date

Record the month, day, and year of the incident.

Day of Week — Record the day of the week on which the incident occurred.

Alarm Time — Record the exact hour and minutes when the alarm was received, using the 24-hour clock.

Arrival Time — Recor the actual time when the first responding units arrived at the incident scene, again using the 24-hour clock.

Back in Service — Record the time when all or most of the equipment is again ready to respond to another incident. Again, use the 24-hour clock.

LINE B

Situation Found

Record the situation with which the fire department dealt upon arrival at the incident, or the most serious condition that developed after arrival on the scene. If a fire is out upon arrival, record the type of fire that had occurred. The type of situation found determines what data elements are required on the rest of the report. Complete the entire form for structure fires in your community. The form should be completed through Level of Fire Origin in Line M for all other fire incidents. Reports for mutual aid calls and non-fire incidents should be completed through Line I. The codes for the more common types of situations are listed on the form.

A fire that is out upon fire department arrival is still counted as a fire. For a burn victim to be counted as a fire casualty, the incident must be considered a fire, even if only your ambulance responded. The more common codes are printed on the form.

Any fire in or on a structure is considered a structure fire (Code 11). This includes chimney fires, fires caused by cooking, vehicles inside a garage, clothing on a person inside a home, gas grills on a porch, indoor wastebasket fires, and so forth.

Fires in **house trailers and construction trailers** are also considered structure fires. You should also enter code 17, mobile home or mobile building, for mobile property type. The entire form must be completed for structure fires in your own community. If you did anything to extinguish a fire, that means there was a fire.

Cars, trucks, lawn mowers, boats, airplanes and construction equipment that burn outside are all considered motor vehicle fires.
(Situation Found = 13) For vehicle fires, the form should be completed through Level of Fire Origin.

For explosions with no after fire (Code 16), you also need to complete the form through Level of Fire Origin. The word "explosion" could be substituted for "ignition" or "fire." What caused the explosion, arson or a gas leak? Where was the explosion, in a school locker room, a heating equipment room or a laboratory? What, if any equipment was involved?

Oil burner blow backs are contained in the burner unit inside a structure and should generally be considered a structure fire.
Situations Found 10-19 are for hostile fires only. Use code 56 - 'Unauthorized Burning' when a homeowner is burning brush or debris

without a permit. Code 63, 'Controlled Burning' would be used when the appropriate permits were obtained and the fire is controlled. Obviously, controlled and unauthorized fires could spread and ignite other items.

Massachusetts has added two new Situation Found codes. Use Code 48 — *CO Hazard*, for an identifiable CO emergency whether or not a CO detector activated. The presence of CO was confirmed and some corrective action was indicated. Use code 75 - *CO Detector Activation* for CO detectors that activated in response to pollution or some unknown trigger. Please send hard copy and any narratives for all real CO emergencies to the State Fire Marshal's Office.

Action Taken

Record the basic action taken to handle the incident. If more than one action was taken, use the code that describes the primary, or most important action taken. These codes are printed on the incident report.

Mutual Aid

Check whether mutual aid was given or received. If no aid was given or received, check N/A. When you give mutual aid, include the community in the Correct Address of Fire line. If a firefighter is injured giving mutual aid, report the injury on the receiving department's report.

Line C

Fixed Property Use

Record the use of the property on which the incident occurred. A car fire might occur on a public road (962), a vacant lot (936), a sand pit (675), etc. The residential codes are in the 400's.

Ignition Factor

Record the factor which best explains why the heat source and the material ignited were able to combine to start a fire. This field indicates where to intervene to prevent a fire from occurring.

Some of the more common ignition factors are:

11 Incendiary, no civil disturbance;

21 Suspicious, no civil disturbance;

31 Abandoned material; (This refers to cigarettes and wood stove ashes.)

34 Inadequate control of open fire; (This should be used when a friendly fire gets out of control. Generally, the open fire will be outside.)

35 Cutting, welding too close to; (If you use this code, your equipment involved in ignition will usually be a torch (87))

36 Children playing with the heat of ignition;

46 Combustible too close to heat;

51 Part failure, leak or break;

52 Automatic control failure (This includes delayed ignitions of oil burners);

54 Short circuit, ground fault;

55 Other electrical failure;

56 Lack of maintenance, failure to clean, worn out ; Use this code for creosote build-up in chimneys, grease build-up in ovens, and lint build-up in dryers.

61 Design deficiency, including catalytic converters;

63 Installed too close to combustibles; Use this when the installation was done incorrectly.

65 Property too close to; This is the ignition factor for exposure fires.

71 Collision, overturn, knockdown (frequently used for fires following vehicle accidents);

73 Unattended (includes unattended cooking, candles, etc.).

Most ignition factors can be divided into two or three groups - those fires that are caused by human action or error, such as arson, children playing, and careless disposal of smoking materials; those that were caused by people doing something or not doing something with equipment such as unattended cooking, welding, or not cleaning chimneys; and those that are caused by defective but properly used equipment. If there's a short circuit, a lack of maintenance, a part failure or some form of equipment that provided the heat of ignition, then there was some kind of equipment involved in ignition.

LINE D

Correct Address — Record the exact location of the incident. When you give mutual aid to another community, include the community in the address.

Zip Code — Record the zip code for the property involved.

Census Tract — The census tract number is a 6 digit number assigned by the U.S. Census Bureau. Your chief, town planning commission, or town clerk should be able to provide you with census tract codes for your community, if they have been assigned.

LINE E

Occupant Name — Record the name of the person or business who customarily occupies the property or area in which the incident occurred. For car fires and collisions, record the driver's name. Names of individuals should be given last name first.

Telephone — Record the telephone number, including the area code.

Room or Apartment — Record a room or apartment number where applicable.

LINE F

Owner Name

Record the full name of the person, company or agency that owns the property where the incident occurred. Names of individuals should be given last name first. Companies should be entered the way they appear in telephone book.

Owner Address

Record the address the owner of the property where the incident occurred. If the owner does not live in the same community, include the city, state and zip code.

Owner Telephone

Record the owner's area code and telephone number.

LINE G

Method of Alarm

Record the method by which the fire department first became aware of the incident. The codes are printed on the incident report. When 911 calls go to the police first, use code 7, tie-line.

Company Inspection District

Each fire department may identify and assign codes for local districts.

Shift

If applicable, record the identification or designation of the shift of duty which responded to the specific incident.

Number of Alarms

Record the number of alarms (defined locally) transmitted for each incident.

LINE H

Personnel and Equipment

Record the number of fire service personnel, engines, aerial apparatus, tankers and other vehicles which were assigned to the incident, even if they were canceled while en route.

Hazardous Material Present

Check yes if the incident required notification of Department of Environmental Quality Engineering (DEQE) and the presence of the hazardous materials was a factor determining how the incident would be handled. In these cases, record the name of the material involved, and the 4 digit code from the Department of Transportation (DOT) manual.

Special Equipment Used

Record any special equipment required to handle the incident.

LINE I - Casualties and Rescues

A casualty report must be submitted for any individual who suffers an injury at a fire that

a) requires treatment by a practitioner of medicine within one year of the incident, or

b) causes the individual to have at least one day of restricted activity immediately following the injury.

An individual who is dead at the scene as a result of a fire or who dies from these injuries within a year of the fire is considered a fire death. Please submit a change form for any subsequent fatality. Homicide and trauma victims who would have been dead anyway without a fire are not counted as fire deaths.

The number and types of casualties you note in Line I must match the number and type of casualty reports you submit. The firefighter casualty report (Form FP-33B) must be used for all fire service casualties. A casualty report cannot be entered into the computer without a corresponding incident report.

Fire Service Casualties	Record the number of fire service injuries or fatalities in the appropriate boxes. Be sure to attach the appropriate number of Firefighter Casualty Reports (Form FP-33B).
Other Casualties	Record the number of injuries or fatalities sustained by civilians or emergency personnel not affiliated with the fire service. Be sure to attach the appropriate number of Civilian Casualty Reports (Form FP-33).
Rescues	Record the number of individuals that the fire department rescued.

BOTTOM OF THE FORM

Weather Conditions	This item is optional at the discretion of the local department head. It will not be keyed at the state level. However, a brief description of the weather could be very useful if an incident evolves into a court case.
Member Making Report	After completing the required data elements, sign your name and the date on which you completed the form.
Fire Marshal Notification	Indicate in the last box whether you notified the state police in the fire marshal's office of this incident.

ALL FIRES

The following data elements should be completed for all fire incidents.

LINE J

Mobile Property Type

Mobile property refers to property designed to be movable, either under its own power, or by towing. This category includes cars, trains, boats, planes, trailers, and construction equipment. The more common codes are printed on the form. If mobile property is involved, be sure to complete Line 30. if no mobile property is involved, please write "08" in the box.

Vehicle Stolen

If a vehicle was involved in a fire, check "Yes" if it was stolen, and "No" if a theft had not been reported. In most cases, the ignition factor on a stolen vehicle fire will be incendiary or suspicious. If mobile property was not involved, leave this field blank.

Estimated Total Dollar Loss

Record your best **estimate** of the damage caused by the fire. Use dollar amounts only; do not record cents. This field should be completed for all types of fires. A dollar figure gives us some idea of the magnitude of the fire. This is important when you're getting an owner's fire history. Also, all of our dollar loss figures come from local departments. Over time, mistakes will average out. When no dollar loss is given, it is treated as a zero. "Minor", "moderate" and "total" are not valid. The dollar loss figures can be useful when applying for grant money.

When you have exposures, the dollar loss should be indicated for the damage to that particular property.

Insurance Company

Record the insurance company which carries the policy.

Total Insurance

Indicate the amount of insurance carried on the property.

Claim Paid

Report the amount that the claimant received in any settlement from the insurance company. This information will probably not be available at the time the original report is submitted. If additional information is obtained later, please submit a change.

Mobile Property Identifying Information

Record the year, make, model, color, license number, and vehicle identification number of any vehicle involved in the incident in Line 30.

Equipment Involved Identifying Information

This item relates to the "Equipment Involved in Ignition", the last item in Line K. If any equipment was involved, record the year, make, model, and serial number of the product. This information is pertinent even if the equipment was operating properly and the fire could be blamed on human error. However, extra effort should be expended if a newer product caused a fire. This information is shared with other agencies, including the Consumer Product Safety Commission. Any information you can provide will be appreciated.

The make and model will not be available in some situations. Even a description of the equipment, such as masonry chimney, heavy-duty extension cord or aluminum wiring, is helpful.

Many codes are not specific to one type of equipment. Please specify the type here. A portable heater might be electric, quartz or kerosene. Code 57 refers to portable appliance designed to produce heat. Please indicate if it was an electric blanket, a heat tape, a curling iron, etc.

LINE K

Complex

Record the overall use of the property at which the fire occurred. For example, a fixed property use of parking lot might be part of a shopping center or apartment complex.

Area of Origin

Record the primary use of the specific area, or part, of the property in which the fire started. For exposures, indicate the area on each property where the fire started, such as an outside exterior wall.

In residences, the most common areas of origin are:

14 - Living rooms, lounge areas;

21 - Bedrooms for under 5 persons;

24 - Kitchens;

26 - Laundry room, area;

42 - Closets;

43 - Supply storage rooms or areas, cellars;

57 - Chimneys;

62 - Heating equipment room or area;

71 - Crawl space, substructure space;

72 - Exterior balcony, open porches;

76 - Exterior wall surfaces - useful for exposures;

For vehicle fires, the area of origin codes are in the 80's.

81 - Passenger area of transportation equipment;

82 - Trunk, load carrying area of transportation equipment;

83 - Engine area, running gear, wheel area of transportation equipment;

84 - Fuel tank, fuel line of transportation equipment;

85 - Operating, control area of transportation equipment;

86 - Exterior exposed surface of transportation equipment;

89 - Transportation, Vehicle areas not classified above.

Code 97 - Multiple locations, use areas, should be used only when fires originated in more than one place. In most of these cases, the ignition factor will be suspicious or incendiary.

Equipment Involved in Ignition - Record the equipment, if any, which was involved in the fire. It is important to know both the types of equipment that are malfunctioning and the types of equipment which are used improperly. If no equipment was involved, enter code (98) for "not applicable." Matches and cigarette lighters are not considered equipment, but are considered forms of heat of ignition. If equipment was involved, fill out Line 40 to the best of your ability. Because this information is not always available, we do not send forms back for missing make, model and serial number. If you indicate a short circuit or mechanical difficulty for the ignition factor or indicate that some form of equipment provided the heat of ignition, you should indicate the type of equipment here.

Use a code in the 20's for all cooking equipment. For central heating units, use code 11. (Code 71- furnace, oven or kiln refers to industrial equipment.). Use code 15 for portable heaters. A local wood stove is a fixed heating unit, code 13.

LINE L

Form of Heat of Ignition Record the specific form of heat energy which started the fire. This field further describes the equipment or item involved in starting the fire. It is critical to many analyses on equipment. Codes 10-19 indicate fuel-fired or fuel powered equipment and enable you specify if solid, liquid or gas-fueled equipment was involved. By combining this field with equipment involved, it is possible to identify a wood or coal burning stove or an oil burner.

Use the form of heat that ignited the hostile fire. If a fire was caused by a smoldering cigarette, the cigarette is the heat, not the match that lit the cigarette.

Use code 63 for fireworks. Codes in the 80's should be used for exposures only.

Material Ignited No code is required in this box. It was meant to be a reminder that "Form of Material Ignited" and "Type of Material Ignited" refer to different aspects of the same object or material. If a fire started on an upholstered sofa, the form would be sofa, and the type might be fabric. However, if an accelerant poured on the sofa was first ignited, the form would be an accelerant, and the type would be the specific type of flammable liquid.

Form of Material Ignited Record an overall description of the material first ignited. This refers to how the materials is used or perceived, not what it is made from. Creosote in a dirty chimney should be coded as form of material ignited 75, rubbish or waste products, and type 34- adhesive, resin or tar.

Type of Material First Ignited Record the composition of the material which was first ignited. This refers to the raw, common, or natural state in which the material exists. Note that gasoline has its own code (23).

Creosote in a dirty chimney should be coded as form of material ignited 75, rubbish or waste products, and type 34- adhesive, resin or tar.

LINE M

Method of Extinguishment Record the primary means used to put out the fire. The codes are printed on the form. If the action taken was extinguishment, "self-extinguished" (code 1) would not be appropriate here.

Level of Fire Origin Record the level at which the fire started. The codes are printed on the form. Note that code (7) refers to objects in flight (hopefully not structures), and code (8) refers to origins below ground level.

STRUCTURE FIRES ONLY

LINE M

Number of Stories — Record the total number of stories in the structure, including all below and above grade stories. Mezzanines and basements should be counted as full stories. Crawl spaces are not considered stories. Codes are printed on the form.

Construction Type — Record the principal type of construction that was used in the structure. Codes are printed on the form and more detailed information is provided at the end of the manual.

LINES N AND O - EXTENT OF DAMAGE

Extent of Flame Damage — Record the extent of the burned and/or charred area. If the flame damage extends beyond the structure of origin (Code 7), include an incident report for the exposure. A fire implies flame damage to at least the object of origin, even it is only a burned piece of paper. Codes are printed on the form for both items in this section.

Extent of Smoke Damage — Record the extent of the smoke and heat scorched or "browned" damage of a structure.

LINE P

Detector Performance — Use the codes printed on the form to indicate the location and operation of smoke or heat detectors. If the power source was disconnected, use one of the "no operation" codes.

Sprinkler Performance — Use the codes printed on the form to indicate the status and operation of sprinklers in the **area of fire origin**.

LINE Q

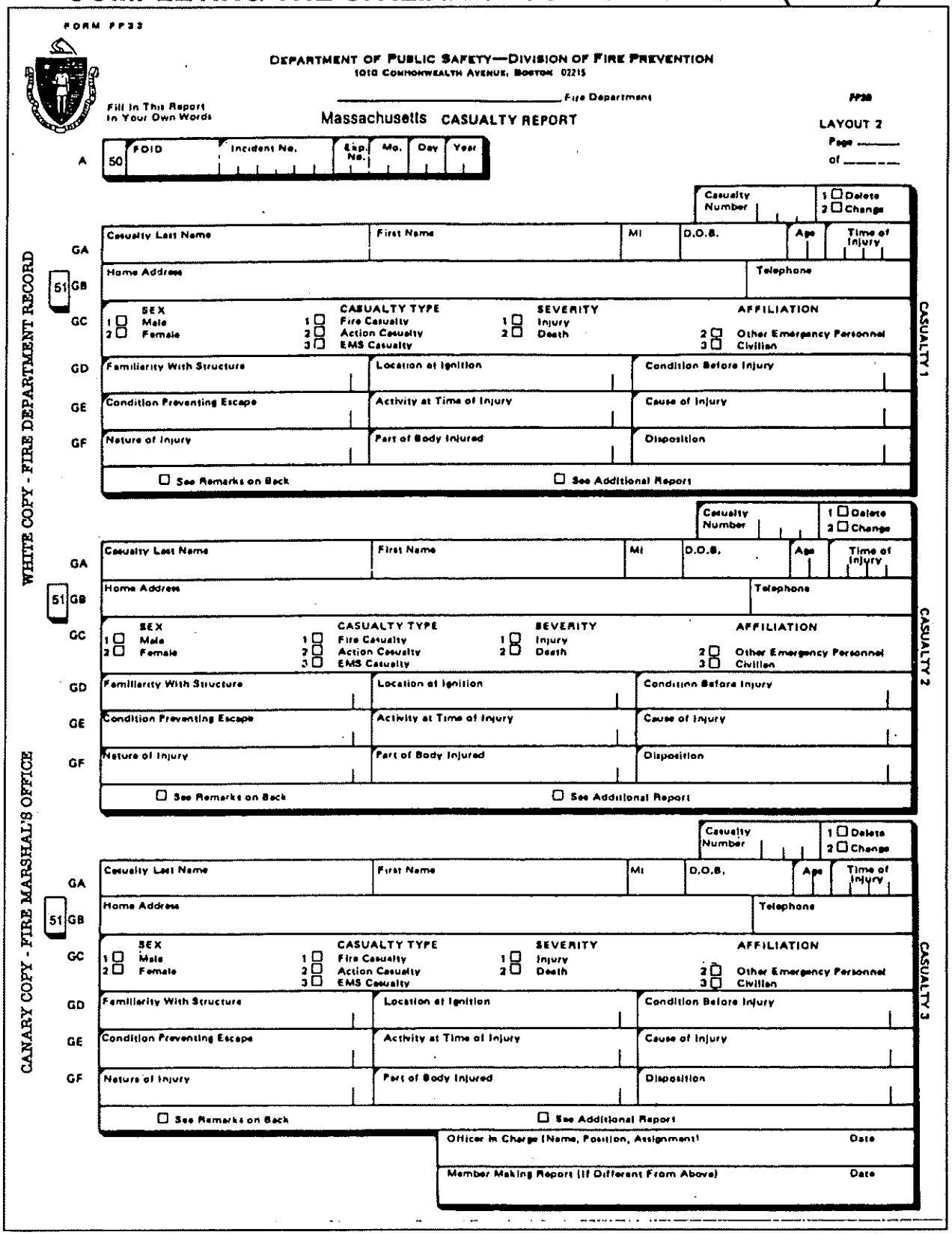
Material Generating Most Smoke if the Smoke Spread beyond the Room of Origin

The procedures and concepts for this section are the same as those for "Material Ignited". No code is required in this box. It should serve as a reminder that the "Form of Material generating the Most Smoke" and the "Type of Material Generating the Most Smoke" refer to different aspects of the same object or material.

LINE R

Avenue of Smoke Travel — Use the codes printed on the form to indicate how smoke traveled from the room of fire origin. If the smoke did not spread, use code (8).

COMPLETING THE CIVILIAN CASUALTY REPORT (FP-33)



FORM FP33

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE PREVENTION
1010 COMMONWEALTH AVENUE, BOSTON 02215

_____ Fire Department

FP33

Fill In This Report In Your Own Words

Massachusetts CASUALTY REPORT

LAYOUT 2

Page _____ of _____

A 50 FOID | Incident No. | Exp. No. | Mo. | Day | Year

WHITE COPY - FIRE DEPARTMENT RECORD

CANARY COPY - FIRE MARSHAL'S OFFICE

CASUALTY 1

Casualty Number | 1 ☐ Delete 2 ☐ Change

GA Casualty Last Name | First Name | MI | D.O.B. | Age | Time of Injury

51 GB Home Address | Telephone

GC SEX: 1 ☐ Male 2 ☐ Female
CASUALTY TYPE: 1 ☐ Fire Casualty 2 ☐ Action Casualty 3 ☐ EMS Casualty
SEVERITY: 1 ☐ Injury 2 ☐ Death
AFFILIATION: 2 ☐ Other Emergency Personnel 3 ☐ Civilian

GD Familiarity With Structure | Location at Ignition | Condition Before Injury

GE Condition Preventing Escape | Activity at Time of Injury | Cause of Injury

GF Nature of Injury | Part of Body Injured | Disposition

☐ See Remarks on Back ☐ See Additional Report

CASUALTY 2

Casualty Number | 1 ☐ Delete 2 ☐ Change

GA Casualty Last Name | First Name | MI | D.O.B. | Age | Time of Injury

51 GB Home Address | Telephone

GC SEX: 1 ☐ Male 2 ☐ Female
CASUALTY TYPE: 1 ☐ Fire Casualty 2 ☐ Action Casualty 3 ☐ EMS Casualty
SEVERITY: 1 ☐ Injury 2 ☐ Death
AFFILIATION: 2 ☐ Other Emergency Personnel 3 ☐ Civilian

GD Familiarity With Structure | Location at Ignition | Condition Before Injury

GE Condition Preventing Escape | Activity at Time of Injury | Cause of Injury

GF Nature of Injury | Part of Body Injured | Disposition

☐ See Remarks on Back ☐ See Additional Report

CASUALTY 3

Casualty Number | 1 ☐ Delete 2 ☐ Change

GA Casualty Last Name | First Name | MI | D.O.B. | Age | Time of Injury

51 GB Home Address | Telephone

GC SEX: 1 ☐ Male 2 ☐ Female
CASUALTY TYPE: 1 ☐ Fire Casualty 2 ☐ Action Casualty 3 ☐ EMS Casualty
SEVERITY: 1 ☐ Injury 2 ☐ Death
AFFILIATION: 2 ☐ Other Emergency Personnel 3 ☐ Civilian

GD Familiarity With Structure | Location at Ignition | Condition Before Injury

GE Condition Preventing Escape | Activity at Time of Injury | Cause of Injury

GF Nature of Injury | Part of Body Injured | Disposition

☐ See Remarks on Back ☐ See Additional Report

Officer In Charge (Name, Position, Assignment) | Date

Member Making Report (If Different From Above) | Date

LINE A

Record the FDID number, incident number, date, day and alarm time of the incident at which the casualty occurred. Assign casualty numbers consecutively, beginning with 001 for each incident. If you have a firefighter casualty and a civilian casualty, they should be numbered 001 and 002.

LINE GA

Casualty Name	Record the casualty's last name, first name and middle initial.
DOB	Record the month and year of the casualty's birth.
Age	Enter the victim's age. Even an approximate age is helpful.
Time of Injury	Record the time at which the injury occurred.

LINE GB

Home Address	Record the casualty's home address, including city and state if the victim is not a resident of your community.
Telephone Number	Record the area code and home telephone number of the injured party.

LINE GC

Gender	Check the appropriate box to indicate the casualty's gender.
Casualty Type	Check the box to indicate the type of casualty. A person injured or killed as a direct result of a fire should be considered a fire casualty. An action casualty is a person injured or killed by causes other than fire or fire products after the alarm for the incident is received. Check the box for EMS casualty when the person is injured or killed before the alarm is received, but the alarm is sounded for them.
Severity	Check the appropriate box to indicate injury or death.
Affiliation	Check the appropriate box to indicate whether the casualty is a civilian or non-fire emergency personnel.

LINE GD

Familiarity with Structure	Record the approximate length of time the casualty was acquainted with the inside o the building or structure.
Location at Ignition	Record the location of the fire casualty at the time the fire started. If the casualty is not a fire casualty, enter "Not a Fire Casualty" and code "8".
Condition before Injury	Indicate the person's condition prior to being injured.

LINE GE

Condition	Indicate why the person could not escape injury.

Preventing Escape

Activity at Time of Injury Record what the person was doing at the time of injury.

Cause of Injury Indicate the immediate cause or condition responsible for the injury.

LINE GF

Nature of Injury Record the type of injury the person suffered.

Part of Body Injured Record the exact part of the body injured.

Disposition Indicate the disposition of the casualty.

Additional Civilian Casualties

Assign the next casualty number. Fill out the next section of the form in the same manner.

COMPLETING THE FIREFIGHTER CASUALTY REPORT (FP-33B)

MASSACHUSETTS FIREFIGHTER CASUALTY REPORT

DEPARTMENT OF PUBLIC SAFETY
1010 Commonwealth Avenue

OFFICE OF THE STATE FIRE MARSHAL
Boston, Massachusetts 02215

Massachusetts Fire Incident Reporting System

F.P. 33B

FILL IN THIS REPORT IN YOUR OWN WORDS

_____ FIRE DEPARTMENT

1 ☐ DELETE
2 ☐ CHANGE

FA: FDID | INCIDENT NO. | EXPOSURE NO. | CASUALTY NO. | INJURY OCCURRED MO DAY YEAR | TIME OF INJURY

FB: CASUALTY NAME (LAST, FIRST, MI) | TYPE OF CASUALTY

FC: AGE | SEX | CASE SEVERITY | PRIMARY APPARENT SYMPTOM

FD: PRIMARY PART OF BODY | PATIENT TAKEN TO

FE: ASSIGNMENT | NO. RESPONSES PRIOR TO INJURY | PHYSICAL CONDITION | STATUS BEFORE ALARM

FF: FIRE FIGHTER ACTIVITY | WHERE INJURY OCCURRED

FG: CAUSE OF FIRE FIGHTER INJURY | MEDICAL CARE PROVIDED

LOCAL DEPARTMENT HEAD OPTION

PROTECTIVE EQUIPMENT

FH	PROTECTIVE COAT WORN	STATUS	TYPE PROBLEM
FI	PROTECTIVE TROUSERS WORN	STATUS	TYPE PROBLEM
FJ	BOOTS/SHOES WORN	STATUS	TYPE PROBLEM
FK	HELMET WORN	STATUS	TYPE PROBLEM
FL	FACE PROTECTION WORN	TYPE PROBLEM	
FM	BREATHING APPARATUS WORN	STATUS	TYPE PROBLEM
FN	GLOVES WORN	TYPE PROBLEM	
FO	SPECIAL EQUIPMENT WORN	STATUS	TYPE PROBLEM

FP: MEMBER MAKING REPORT | DATE | OFFICER IN CHARGE (NAME, POSITION, ASSIGNMENT) | DATE

REMARKS

☐ REMARKS CONTINUED ON REVERSE SIDE

LINE FA

FDID

Record your department's FDID number in the box.

Incident Number

The incident number for the casualty is the same as that of the original incident at which the injury occurred.

Exposure Number

Record the exposure number assigned to the property at which the injury occurred.

Casualty Number

Assign casualty numbers consecutively, beginning with 001 for each incident.

Date

Indicate the date on which the injury occurred. As on the FP-32, please use numbers. This date may not always be identical to that of the incident, particularly if the alarm was late at night, say 2300 hours, and the injury occurred at 0100 hours the next morning.

Time of Injury

Write in the time of the injury, not the time of the alarm. As before, we are using the 24 hour clock.

LINE FB

Casualty Name

Write in last name, first name, and middle initial.

Type of Casualty

Record the type of incident at which the injury occurred. Fireground injury before fire department arrival, code 1, refers to situations such as an injury sustained at the scene of the fire before the arrival of apparatus. This might be applicable if an off-duty fire fighter discovers the fire, or in communities with volunteer departments, where fire fighters may arrive individually and they may get there ahead of the equipment.

Fireground injury after fire department arrival, code 2, refers to casualties incurred while engaged in fire control with the department. Most casualties will fall into this category.

Injury during response to or return from incident, code 3, refers to injuries sustained while preparing to respond, or while en route to or from an incident. Note that this code does not specify fires, so it can be used for this type of injury no matter what the nature of the alarm.

Non-fire incident injury creating the alarm, code 4, refers to situations where the department is called to assist someone who is injured, but not in a fire. Injuries occurring in the station would usually fall in this category.

Non-fire incident injury after alarm, code 5, refers to injuries sustained in activities such as inspections, rescuing cats or children stuck in trees, bomb scares, and the like.

Medical aid Call, illness creating the alarm, code 6, refers to EMS situations that are not injuries, such as heart attacks, strokes, sun stroke.

LINE FC

Age

Record the age of the injured firefighter. Undetermined is **not** an acceptable response.

Sex

Indicate whether the victim is male or female.

Case Severity

Record the severity of the firefighter's injury, ranging from Minor to DOA to Died Subsequent to Arrival.

For Case Severity, minor (code 1) injuries are minor, requiring no immediate medical care and posing no danger of death or disability.

Moderate (code 2) means there is little danger of death or permanent disability, but immediate medical attention is desirable. Fractures and lacerations are examples of moderate injuries.

Severe injuries (code 3) are those which are potentially life threatening if the condition is not controlled. Immediate medical care is necessary.

Life threatening (code 4) refers to situations where death is imminent, body processes and vital signs are not normal. Immediate medical care is essential. Examples are severe multiple trauma, severe hemorrhaging and multiple internal injuries.

An injury should be considered minor if the individual can continue working, even when the injury is quite painful.

Primary Apparent Symptom

Record the firefighter's most serious injury.

LINE FD

Primary Part of Body

Write down which body part sustained the most serious injury. General areas of the body are subdivided for codes. These codes are much more specific than on the Civilian Casualty Report. For example, the head encompasses ears, eyes, face, mouth and so on. Try to be as specific as possible. Feet tend to be injured differently from legs. We need enough information to identify ways to prevent future injuries.

Patient Taken To

Record the type of facility to which the injured firefighter was transported.

LINE FE

Assignment

Record the task to which the casualty was assigned at the time of the injury. In some cases, circumstances may cause an individual to be doing something other than the assigned task, so it may not coincide with the actual activity in which the casualty was engaged. Codes include items such as Fire Suppression, Training, EMS, and Administrative.

Number of Responses Prior to Injury — Record the number of incidents to which the firefighter responded to in the 24 hour period prior to the alarm at which the injury occurred. Please not that the code for "None" is (9), and the (0) is used when the information is unavailable.

Physical Condition — Indicate the physical condition of the firefighter prior to the injury.

Status Before Alarm — Record whether the firefighter was asleep (code 1), or awake (code 2), at the time of the alarm at which the injury occurred.

LINE FE

Fire Fighter Activity — Record the specific activity in which the firefighter was engaged when injured.

Where Injury Occurred — Record the specific location of the firefighter at the time of the injury.

LINE FG

Cause of Fire Fighter Injury — Record the specific action which resulted in the injury. Major classifications are: fell/slipped; caught/trapped in, by, or between; struck by; contact with/exposed to; overexertion/strain; exiting or escaping/jumped; fire department apparatus accident; and assaulted.

Medical Care Provided — Record the setting in which the casualty was treated.

LINES FH THROUGH FO - PROTECTIVE EQUIPMENT

Because the procedures for filling out each line of this portion of the form are essentially the same, the following directions are given section by section, rather than line by line. At the present time, this information is optional at the discretion of the local department head.

Protective Equipment Worn — The first column in this section refers to the type of coat, trousers, boots or shoes, helmet, face protection, breathing, gloves, and special equipment worn. The codes describe the material and style of the specific equipment.

Protective Equipment Status — Status refers to how the protective equipment was worn. If equipment was worn, this section should be completed. Note that there is no "Status" element for face protection or gloves. If you entered "Not worn" in the Equipment Worn section, leave the corresponding "Status" block blank.

Protective Equipment Problem — Record a description of the most serious problem (if any) with the equipment worn. If you entered "Not worn" in the Equipment Worn section, leave the corresponding "Problem" block blank.

LINE FP

All forms should then be signed, dated, and submitted with the corresponding incident. Remember that casualties and exposures occurring at a fire are all part of the same incident report.

COMPLETING BURNED MOTOR VEHICLE REPORTS (FP-33C & D)

Form FP-33C (Revised 10/87)

The Commonwealth of Massachusetts

DEPARTMENT OF PUBLIC SAFETY OFFICE OF THE STATE FIRE MARSHAL
1010 Commonwealth Avenue Boston, Massachusetts 02215

_____ FIRE DEPARTMENT

BURNED/RECOVERED MOTOR VEHICLE REPORT

_____ Inc. No.

_____ Date

THIS REPORT MUST BE COMPLETED FULLY IN ACCORDANCE WITH M.G.L. CHAPTER 175, S-113*O*, AS AMENDED; AND CHAPTER 266, S-29B.

I hereby report to the above named Fire Department that the following motor vehicle was burned in the City/Town of _____.

OWNED BY (Last Name First)	ADDRESS	CITY/TOWN/STATE	PHONE NO. ( )
REPORTED BY (Last Name First)	ADDRESS	CITY/TOWN/STATE	PHONE NO. ( )
Location of fire Street	City/Town	Date of Fire	Time of Fire

Year of Vehicle	Make	Model	Body Style	Color

Registration Number	State	Registered? ☐ Yes ☐ No	Vehicle Identification No.

Keys In Vehicle? ☐ Yes ☐ No	Doors Locked? ☐ Yes ☐ No	Ins. Agent	Insurance Company

Fire Insurance coverage? ☐ Yes ☐ No

FURTHER INFORMATION WILL BE REQUIRED BY THE FIRE DEPARTMENT Form FP-33D

OATH OR AFFIRMATION

I hereby swear or affirm under penalty of perjury, that the information I have provided herein is truthful and correct.

_____
To be signed by owner of record

(DO NOT WRITE BELOW THESE LINES FIRE AUTHORITY USE ONLY)

Name of Person Taking Report	Date	Time

Stolen Report Made? ☐ Yes ☐ No	Where?	Date	Time

ALL DATA ELEMENTS MUST BE ANSWERED—PRINT LEGIBLY
White copy—Fire Authority; Pink copy—State Fire Marshal's Office; Yellow copy—Owner/Operator

Form FP-33D (Revised 10/87)

The Commonwealth of Massachusetts

Department of Public Safety

OFFICE OF THE STATE FIRE MARSHAL
1010 Commonwealth Avenue, Boston, Massachusetts 02215
MOTOR VEHICLE FIRE REPORT

FDID Inc.No. _____ FIRE DEPARTMENT _____ Date _____

Owners Name _____ Date of Birth _____
Last First MI

Address _____ City _____ S.S.# _____

Phone( ) _____ License # _____ Exp Date _____

Occupation _____ Bus. Phone# _____

Vehicle Make _____ Model _____ Year _____ Color _____

V.I.N. _____ Reg # _____ State _____

Ins. Co. _____ How long? _____ Coverage:Fire ___,Theft _____,Coll. _____

Previous Insurance Company _____

Where purchased? _____ City _____ Date _____

Price _____ Lienholder _____ City _____

Monthly payment _____ Date of last payment _____ Current bal. _____

General condition of veh. _____ Cond. of tires _____ Type of tires _____

Cond. of Eng. _____ Cond. of transm. _____ Mileage _____

Optional equipment _____

Repairs made in last year _____ Where? _____

Inspection sticker issued at _____ City _____ Date _____

How many sets of keys? _____ Where at the time of loss? _____

Where are keys now? _____ Shown: sets _____

Was vehicle locked? _____ Any keys hidden on vehicle? _____

Alarm System On Off Security System set? Yes No

Store any flammable liquids? Y N What? _____ Where? _____

Contents: _____

If claiming contents on homeowners insurance policy, Company _____

SIGNED UNDER PENALTY OF PERJURY. _____

over

2

Was vehicle stolen? Y N Was theft reported? Y N

Address where stolen from _____ City/Town _____

Reason vehicle parked at above location _____

When was vehicle parked/in motion Date _____ Time _____ AM PM

Was anyone with you at the time? Y N

_____

Name Last First M

Address _____ City/Town _____ Tele _____

_____

Name Last First M

Address _____ City/Town _____ Tele _____

When was vehicle last seen? Date _____ Time _____ AM PM

By whom? _____ Time _____ AM PM

When did you discover vehicle burned/missing? Date _____ Time _____

What action did you take when you discovered vehicle burned/missing?

_____

_____

Have you been notified that vehicle is recovered? Y N

Who notified you? _____ How? _____ When? _____

Have you had any previous insurance claims for this or any other

vehicle within the past five (5) years? Y N When? _____

Type of claim? _____ Insurance Co? _____

WARNING OATH OR AFFIRMATION

I hereby swear or affirm under penalty of perjury, that the information I have provided herein is truthful and correct.

_____

To be signed by owner of record

_____

Date

1. All spaces on Form FP-33C must be filled out.

2. If vehicle owner does not have all the information required, he/she must obtain that information needed to complete Form FP-33C.

3. All entries must be legible and clearly transferred to the pink copy.

4. To be "Valid", the OWNER and the FIRE AUTHORITY taking the report must sign in the spaces provided.

5. The completed white copy remains with the Fire Department. The yellow copy is given to the vehicle owner. Send the pink copy to the Fire Marshal's Office.

6. Blank FP-33C's and FP-33D's must NOT be given or mailed to vehicle owners, their representatives, or insurance agents.

7. Form FP-33D, if made out, remains with the Fire Authority for investigative purposes. Insurance Company investigators may obtain a copy of this form.

   Form FP-33D is not given to the vehicle owner.

8. Only Massachusetts registered vehicles require Forms FP-33C/D.

9. If there was no fire department response, and the owner request a form FP-33C, one must be made out. Enter "No fire department response" in INC. space. No FP-33D has to be made out. Forward a copy to the state fire marshal's office as usual.

10. If the burned vehicle is NOT covered by Fire/Theft insurance, the owner is not required to make out Forms FP-33C/D.

INCIDENT REPORT CODES

DAY OF WEEK

1 Sunday
2 Monday
3 Tuesday
4 Wednesday
5 Thursday
6 Friday
7 Saturday

TYPE OF SITUATION FOUND

1- Fire, Explosion
11 Structure fire.
12 Outside of structure fire (not included in 13, 14, or 15 below).
13 Vehicle fire.
14 Trees, brush, grass fire.
15 Refuse fire.
16 Explosion, no after-fire.
17 Outside spill, leak with ensuing fire.
19 Fire, Explosion not classified above.
10 Fire, Explosion; insufficient information available to classify further.

2- Overpressure Rupture (No Combustion)
21 Steam rupture
22 Air, gas rupture.
29 Overpressure Rupture not classified above.
20 Overpressure Rupture; insufficient information available to classify further.

3- Rescue Call
31 Inhalator call.
32 Emergency medical call.
33 Lock-in.
34 Search.
35 Extrication.
39 Rescue call not classified above.
30 Rescue Call; insufficient information available to classify further.

4- Hazardous Condition, Standby
41 Spill, leak with no ignition.
42 Explosive, bomb removal.
43 Excessive heat.
44 Power line down.
45 Arcing, shorted electrical equipment.
46 Aircraft standby.
47 Chemical emergency.
48 CO Hazard (Mass. code only)
49 Hazardous Condition, Standby not classified above.
40 Hazardous Condition, Standby; insufficient information available to classify further.

5- Service Call
51 Lock-out.
52 Water evacuation.
53 Smoke, odor removal.
54 Animal rescue.
55 Assist police.
56 Unauthorized burning.
57 Cover assignment, standby at fire station, move-up.
59 Service Call not classified above.
50 Service Call; insufficient information available to classify further.

6- Good Intent Call
61 Smoke scare.
62 Wrong location.
63 Controlled burning.
64 Vicinity alarm.
65 Steam, other gas mistaken for smoke.
69 Good Intent Call not classified above.
60 Good Intent Call; insufficient information available to classify further.

7- False Call
71 Malicious, mischievous false call.
72 Bomb scare, no bomb.
73 System malfunction.
74 Unintentional.
75 CO Detector Activation, no correctable situation found.(Mass. code only)
79 False Call not classified above.
70 False Call; insufficient information available to classify further.

9- Other Situation Found
99 Type of Situation Found not classified above.

TYPE OF ACTION TAKEN

1 Extinguishment.
2 Rescue only.
3 Investigation only.
4 Remove hazard.
5 Standby.
6 Salvage.
7 Ambulance service.
8 Fill in, move up, transfer.
9 Type of Action Taken not classified above.
0 Type of Action Taken undetermined or not reported.

FIXED PROPERTY USE - By Category

FIXED PROPERTY USE CATEGORIES

100 - 199 Public Assembly
200 - 299 Educational
300 - 399 Institutional
400 - 499 Residential
500 - 599 Stores, Offices
600 - 699 Basic Industry, Utility, Defense, Agriculture, Forests
700 - 799 Manufacturing
800 - 899 Storage Properties
900 - 999 Special Properties, including roads, water areas

1-- PUBLIC ASSEMBLY PROPERTY

11- Fixed Use Amusement, Recreation Places
111 Bowling establishment.
112 Billiard Center.
113 Amusement center.
114 Ice rink.
115 Roller rink.
116 Swimming facility.
119 Fixed Use Amusement, Recreation Places not classified above.
110 Fixed Use Amusement, Recreation Places; insufficient information available to classify further

12- Variable Use Amusement, Recreation Places
121 Ballroom, gymnasium.
122 Exhibition hall, exposition hall.
123 Arena, stadium.
124 Playground.
129 Variable Use Amusement, Recreation Places not classified above.
120 Variable Use Amusement, Recreation Places; insufficient information available to classify further.

13- Churches, Funeral Parlors
131 Church, chapel.
132 Religious education facility.
133 Church hall.
134 Funeral parlor, chapel.
139 Churches, Funeral Parlors not classified above.
130 Churches, Funeral Parlors; insufficient information available to classify further

14- Clubs
141 City club.
142 Country club.
143 Yacht club.
149 Clubs not classified above.
140 Clubs; insufficient information available to classify further.

15- Libraries, Museums, Court Rooms
151 Library.
152 Museum, art gallery.
153 Historic building.
154 Memorial structure, monument.
155 Court room.
156 Legislative hall.
159 Libraries, Museums, Court Rooms not classified above.
150 Libraries, Museums, Court Rooms; insufficient information available to classify further.

16- Eating, Drinking Places
161 Restaurant.
162 Nightclub.
163 Tavern.
164 Lunchroom, drive-in.
169 Eating, Drinking Places not classified above.
160 Eating, drinking Places; insufficient information available to classify further.

17- Passenger Terminals
171 Airport passenger terminal.
172 Heliport, helistop.
173 Bus passenger terminal.
174 Street level rail terminal.
175 Underground rail terminal.
176 Elevated rail terminal.
177 Marine passenger terminal.
179 Passenger Terminals not classified above.
170 Passenger Terminals; insufficient information available to classify further.

18- Theaters, Studios
181 Legitimate theater.
182 Auditorium, concert hall.
183 Motion-picture theater.
184 Drive-in motion-picture theater.
185 Radio, TV studio.
186 Motion-picture studio.
189 Theaters, Studios not classified above.
180 Theaters, Studios; insufficient information available to classify further.

10- Public Assembly Property: Unclassified
109 Public Assembly Property not classified above.
100 Public Assembly Property; insufficient information available to classify further

2-- EDUCATIONAL PROPERTY

21- Nonresidential Schools
211 Nursery school.
212 Kindergarten.
213 Elementary school.
214 Junior high school.
215 High school.
219 Nonresidential Schools not classified above.
210 Nonresidential Schools; insufficient information available to classify further.

22 Residential Schools
221 Residential school classroom building.
229 Residential Schools not classified above.
220 Residential Schools; insufficient information available to classify further.

23- Trade, Business Schools
231 Vocational, trade school.
232 Business school.
233 Specialty school.
234 Rehabilitation center where attendance is by choice.
239 Trade, Business Schools not classified above.
230 Trade, Business Schools; insufficient information available to classify further.

24- Colleges, Universities
241 College classroom building.
249 Colleges, Universities not classified above.
240 Colleges, Universities; insufficient information available to classify further.

20- Educational Property: Unclassified
209 Educational Property not classified above.
200 Educational Property; insufficient information available to classify further.

3-- INSTITUTIONAL PROPERTY

31- Care Of The Aged
311 Care of the aged with nursing staff.
312 Care of the aged without nursing staff.
319 Care of the Aged not classified above.
310 Care of the Aged; insufficient information available to classify further.

32- Care Of The Young
321 Day child-care center.
322 Children's home, orphanage.
323 Foster home.
329 Care of the Young not classified above.
320 Care of the Young; insufficient information available to classify further.

33- Care Of The Sick, Injured
331 Hospital, hospital-type infirmary.
332 Sanitorium, sanitarium.
334 Clinic, clinic-type infirmary.
339 Care of the Sick, Injured not classified.
330 Care of the Sick, Injured; insufficient information available to classify further.

34- Care Of The Physically Restrained
341 Prison cell, cell block for men.
342 Prison cell, cell block for women.
343 Juvenile detention home.
344 Men's detention camp.
345 Police station.
346 Vocational rehabilitation center.
349 Care of the Physically Restrained not classified above.
340 Care of the Physically Restrained; insufficient information available to classify further.

35- Care Of The Physically Inconvenienced
351 Institution for deaf, mute, or blind.
352 Institution for physical rehabilitation.
359 Care of the Physically Inconvenienced not classified above.
350 Care of the Physically Inconvenienced; insufficient information available to classify further.

36- Care Of The Mentally Handicapped
361 Mental institution.
362 Institution for the mentally retarded.
369 Care of the Mentally Handicapped not classified above.
360 Care of the Mentally Handicapped; insufficient information available to classify further.

30- Institutional Property: Unclassified
309 Institutional Property not classified above.
300 Institutional Property; insufficient information available to classify further.

4--RESIDENTIAL PROPERTY

41- One- And Two-Family Dwelling
411 One-family dwelling: year-round use.
412 One-family dwelling: seasonal use.
414 Two-family dwelling: year-round use.
415 Two-family dwelling: seasonal use.
419 One- and Two-family dwelling not classified above.
410 One- and Two-family dwelling; insufficient information available to classify further.

42- Apartments, Tenements, Flats
421 1 or 2 living units with business.
422 3 through 6 units.
423 7 through 20 units.
424 Over 20 units.
429 Apartments, Tenements, Flats not classified above.
420 Apartments, Tenements, Flats; insufficient information available to classify further.

43- Rooming, Boarding, Lodging Houses.
431 3 to 8 roomers or boarders.
432 9 to 15 roomers or boarders.
439 Rooming, Boarding, Lodging Houses not classified above.
430 Rooming, Boarding, Lodging Houses; insufficient information available to classify further.

44- Hotels, Motels, Inns, Lodges
441 Less than 20 units: year-round use.
442 Less than 20 units: seasonal use.
443 20 to 99 units: year-round use.
444 20 to 99 units: seasonal use.
445 100 or more units: year-round use.
446 100 or more units: seasonal use.
449 Hotels, Motels, Inns, Lodges not classified above.
440 Hotels, Motels, Inns, Lodges; insufficient information available to classify further.

46- Dormitories
461 School, college, university, dormitory.
462 Fraternity, sorority house.
463 Nurses' quarters.
464 Military barracks.
465 Convent, monastery, other religious dormitory.
466 Bunk house, workers' barracks.
469 Dormitories not classified above.
460 Dormitories; insufficient information available to classify further.

48- Home Hotels
481 Less than 20 units: year-round.
482 Less than 20 units: seasonal.
483 20 to 99 units: year-round.
484 20 to 99 units: seasonal.
485 100 or more units: year-round.
486 100 or more units: seasonal.
489 Home Hotels not classified above.
480 Home Hotels; insufficient information available to classify further.

49- Other Residential Occupancies
491 Children's playhouse.
492 Outdoor sleeping quarters.
499 Other Residential Occupancies not classified above.
490 Other Residential Occupancies; insufficient information available to classify further

40- Residential Property; Unclassified.
409 Residential Property not classified above.
400 Residential Property; insufficient information available to classify further.

5--STORE, OFFICE PROPERTY

51- Food, Beverage Sales
511 Supermarket.
512 Market, grocery store.
513 Specialty food store.
514 Liquor, beverage store.
515 Creamery, dairy store.
516 Delicatessen.
519 Food, Beverage Sales not classified above.
510 Food, Beverage Sales; insufficient information available to classify further.

52- Textiles, Wearing Apparel Sales
521 Clothing store.
522 Clothing accessories, shoe store.
523 Shoe repair shop.
524 Tailor, dressmaking shop.
525 Fur store.
526 Dry goods store.
529 Textile, Wearing Apparel Sales not classified above.
520 Textile, Wearing Apparel Sales; insufficient information available to classify further.

53- Household Goods Sales, Repairs
531 Furniture store.
532 Appliance store.
533 Hardware store.
534 Music store.
535 Wallpaper, paint store.
536 Rug, floor covering store.
537 Furniture repair shop.
538 Appliance repair shop.
539 Household Goods Sales, Repairs not classified above.
530 Household Goods Sales, Repairs; insufficient information available to classify further.

54- Specialty Shops
541 Book, stationery store.
542 Newsstand, tobacco shop.
543 Drug store.
544 Jewelry store.
545 Gift shop.
546 Leather goods shop.
547 Florist shop, greenhouse.
548 Optical goods sales.
549 Specialty Shops not classified above.
540 Specialty Shops; insufficient information available to classify further.

55- Recreation, Hobby, Or Home Repair Supply Sales, Personal Services
551 Hobby, toy shop.
552 Sporting goods store.
553 Photographic supply sales, still picture studio.
554 Garden supply store.
555 Retail lumber sales.
556 Pet store, animal hospital.
557 Barber, beauty shop.
558 Fireworks sales.
559 Recreation, Hobby, or Home Repair Supply Sales, Personal Services not classified above.
550 Recreation, Hobby, or Home Repair Supply Sales, Personal Services; insufficient information to classify further.

56- Professional Supplies, Services
561 Professional supply sales.
562 Trade supply sales.
563 Art supply sales.
564 Self-service laundry, dry cleaning.
565 Linen supply house.
566 Laundry, dry cleaner pick-up shop.
567 Home maintenance services.
568 Restaurant supplies, services.
569 Professional Supplies, Services not classified above.
560 Professional Supplies, Services; insufficient information available to classify

57- Motor Vehicle Or Boat Sales, Services
571 Public service station.
572 Private service station.
573 Motor vehicle repair, paint shop.
574 Motor vehicle, trailer sales.
575 Motor vehicle accessory sales.
576 Boat, pleasure craft sales.
577 Marine service station.
578 Car washing facility.
579 Motor Vehicle or Boat Sales, Services not classified above.
570 Motor Vehicle or Boat Sales, Services; insufficient information available to classify further.

58- General Item Stores
581 Department store.
582 Small variety store.
583 Large variety store.
584 Mail order store.
585 Mall.
589 General Item Stores not classified above.
580 General Item Stores; insufficient information available to classify further.

59- Offices
591 General business office.
592 Bank, with first story banking facilities.
593 Medical, research, scientific office.
594 Engineering, architectural, technical office.
595 Mailing firm.
596 Post office.
599 Offices not classified above.
590 Offices; insufficient information available to classify further.

50- Mercantile Properties, Offices; Unclassified
509 Mercantile Properties, Offices not classified above.
500 Mercantile Properties, Offices; insufficient information available to classify further.

6-- BASIC INDUSTRY, UTILITY, DEFENSE PROPERTY

61- Nucleonics, Energy Production
611 Radioactive material working.
612 Nuclear ordnance plant.
613 Nuclear energy plant.
614 Steam, heat energy plant.
615 Electric generating plant.
616 Gas manufacturing plant.
619 Nucleonics, Energy Production not classified above.
610 Nucleonics, Energy Production; insufficient information available to classify further.

62- Laboratories
621 Chemical, medical laboratory.
622 Physical materials testing laboratory.
623 Personnel, psychological laboratory.
624 Radioactive materials laboratory.
625 Electrical, electronic laboratory.
626 Agricultural laboratory.
627 General research laboratory.
629 Laboratories not classified above.
620 Laboratories; insufficient information available to classify further.

63- Communications, Defense, Document Facilities
631 National defense site not elsewhere classified.
632 Radio, radar site.
633 Fire, police, industrial communications center.
634 Telephone exchange, central office.
635 Computer, data-processing center.
636 Document center, record repository.
639 Communications, Defense, Document Facilities not classified above.
630 Communications, Defense, Document Facilities; insufficient information available to classify further.

64- Utility, Energy Distribution Systems
642 Electric transmission, distribution system.
644 Gas distribution system, pipeline.
645 Flammable liquid distribution system, pipeline.
646 Steam, heat distribution system.
647 Water supply system.
648 Sanitary service.
649 Utility, Energy Distribution Systems not classified above.
640 Utility, Energy Distribution Systems; insufficient information available to classify further.

65- Agriculture
651 Poultry, egg production.
652 Cow, cattle production.
653 Piggery, hog production.
654 Other livestock production.
655 Crops, orchards.
656 Tobacco curing shed.
657 Fruit, vegetable packing.
659 Agriculture, not classified above.
650 Agriculture; insufficient information available to classify further.

66- Forests, Hunting, Fishing
661 Forest, standing timber without logging operations.
662 Forest, standing timber with logging operation.
663 Hunting, trapping, game propagation.
664 Tree
665 Fish hatchery.
666 Wood chip pile.
669 Forest, Hunting, Fishing not classified above.
660 Forest, Hunting, Fishing; insufficient information available to classify further.

67- Mining, Quarrying Of Natural Raw Material
671 Coal mine.
672 Ore mine.
673 Ore concentration plant.
674 Petroleum, natural gas well with accompanying reservoir.
675 Stone, slate, clay, gravel, sand quarries, pits.
676 Salt mine.
677 Chemical, fertilizer, mineral mine.
678 Nonmetallic mineral mine, quarry.
679 Mining, Quarrying of Natural Raw Materials not classified above.
670 Mining, Quarrying of Natural Raw Materials; insufficient information available to classify further.

68- Nonmetallic Mineral, Mineral Products Manufacture
681 Structural clay products manufacture.
682 Glass manufacture, excluding containers.
683 Glass container manufacture.
684 Pottery, china, earthenware manufacture.
685 Cement manufacture.
686 Concrete batch plant.
687 Abrasives manufacture.
688 Nonmetallic mineral product manufacture.
689 Nonmetallic Mineral, Mineral Products Manufacture not classified above.
680 Nonmetallic Mineral, Mineral Products Manufacture; insufficient information available to classify further.

60-Basic Industry, Utility, Defense: Unclassified
609 Basic Industry, Utility, Defense not classified above.
600 Basic Industry, Utility, Defense; insufficient information available to classify further.

7-- MANUFACTURING PROPERTY

71- Food
711 Slaughtering, preparation, preserving of meat.
712 Dairy product manufacture.
713 Canning, preserving of fruits, vegetables.
714 Canning, preserving of fish, sea foods.
715 Manufacture of grain mill products.
716 Bakery product manufacture.
717 Sugar refining, confectionery manufacture.
718 Snack foods manufacture.
719 Food Industries not classified above.
710 Food Industries; insufficient information available to classify further.

72- Beverages, Tobacco, Essential Oils
721 Distilling, rectifying, blending spirits.
722 Wines, winery.
723 Brewery, manufacture of malt.
724 Soft drink, carbonated water industry.
725 Tobacco products manufacture.
726 Vegetable and animal oil, fat; soap making.
729 Beverages, Tobacco, Essential Oils not classified above.
720 Beverages, Tobacco, Essential Oils; insufficient information available to classify further.

73- Textiles
731 Cotton gin.
732 Cotton spinning, weaving.
733 Wool or worsted spinning, weaving.
734 Mixed, blended, other fibers.
735 Textile finishing plant.
736 Knitting mills for all fibers.
737 Cordage, rope, twine, net manufacture.
738 Floor covering, coated fabric manufacture, excluding rubber.
739 Textiles not classified above.
730 Textiles; insufficient information available to classify further.

74- Footwear, Wearing Apparel, Leather, Rubber
741 Footwear manufacture.
742 Wearing apparel manufacture, excluding footwear.
743 Made-up textile goods manufacture, excluding wearing apparel.
744 Tanneries, leather finishing.
745 Fur products manufacture, excluding wearing apparel.
746 Leather products manufacture, excluding footwear, wearing apparel.
747 Rubber, rubber products manufacture.
749 Footwear, Wearing Apparel, Leather, Rubber, not classified above.
740 Footwear, Wearing Apparel, Leather, Rubber; insufficient information available to classify further.

75- Wood, Furniture, Paper, Printing
751 Sawmill, planing mill, wood products mill.
752 Wooden or cane containers, small cane ware manufacture.
753 Wood, cork products manufacture (not containers).
754 Furniture, fixture, bedding manufacture.
755 Paper, pulp, paperboard manufacture.
756 Paper, pulp, paperboard products manufacture.
757 Newspaper or magazine printing, publishing.
758 Printing, publishing, allied industry.
759 Wood, Furniture, Paper, Printing not classified above.
750 Wood, Furniture, Paper, Printing; insufficient information available to classify further.

76- Chemical, Plastic, Petroleum
761 Industrial chemical manufacture.
762 Hazardous chemical manufacture.
763 Plastic manufacture.
764 Plastic product manufacture.
765 Paint, varnish, lacquer, ink, wax, adhesive manufacture.
766 Drug, cosmetic, pharmaceutical manufacture.
767 Petroleum refinery, natural gas plant.
768 Asphalt, coal product manufacture.
769 Chemical, Plastic, Petroleum not classified above.
760 Chemical, Plastic, Petroleum; insufficient information available to classify further.

77- Metal, Metal Products
771 Iron, steel manufacture.
772 Nonferrous metal manufacture.
773 Metal product manufacture.
774 Machinery manufacture.
775 Electrical equipment manufacture.
776 Electrical appliance, electronics equipment manufacture.
779 Metal, Metal Products not classified above.
770 Metal, Metal Products; insufficient information to classify further.

78- Vehicle Assembly, Manufacture
781 Shipbuilding, repairing of vessels over 65 feet.
782 Boat building, repairing of vessels 65 feet and under.
783 Railway equipment manufacture, assembly, repair.
784 Motor vehicle manufacture, assembly.

785 Bicycle manufacturing, assembly, repair.
786 Aircraft and rocket manufacturing, assembly, repair.
787 Manufacture of transport equipment.
789 Vehicle Assembly, Manufacture not classified above.
780 Vehicle Assembly, Manufacture; insufficient information available to classify further.

79- Other Manufacturing
791 Instrument manufacture.
792 Photographic, optical goods manufacture.
793 Watch, clock manufacture.
794 Jewelry manufacture.
795 Musical instrument manufacture.
796 Laundry, dry cleaning plant.
797 Photographic film processing laboratory.
798 Toy, sporting good manufacturing not classified in other divisions.
799 Other Manufacturing not classified above. Included are plants manufacturing carb
790 Other Manufacturing; insufficient information available to classify further.

70- Manufacturing Property: Unclassified
708 General maintenance shop not elsewhere classified.
709 Manufacturing Property not classified above.
700 Manufacturing Property; insufficient information available to classify further.

8-- STORAGE PROPERTY

81- Agricultural Products Storage
811 Seeds, beans, nuts, silage storage in bulk.
812 Boxed, crated, packaged agricultural products storage.
813 Loose, bagged agricultural products storage.
814 Loose, baled tobacco storage.
815 Barns, stables.
816 Grain elevators.
817 Livestock storage.
818 Agricultural supply storage.
819 Agricultural Products Storage not classified above.
810 Agricultural Products Storage; insufficient information available to classify further.

82- Textile Storage
821 Baled cotton storage.
822 Baled wool, worsted storage.
823 Baled silk, synthetic fiber storage.
824 Baled jute, hemp, flax, sisal, other mixed or blended fiber storage.
825 Cloth, yarn storage.
826 Wearing apparel, garments, finished textile storage.
827 Leather, leather products storage.
828 Fur, skin, hair products storage.
829 Textile Storage not classified above.
820 Textile Storage; insufficient information available to classify further.

83- Processed Food, Tobacco Storage
831 Packaged foodstuff storage.
832 Canned or bottled food, soft drink storage.
833 Loose, bagged processed food storage.
834 Food locker plants.
835 Cold storage.
836 Bulk sugar storage.
837 Bulk flour, starch storage.
838 Packaged tobacco product storage.
839 Processed Food, Tobacco Storage not classified above.
830 Processed Food, Tobacco Storage; insufficient information available to classify further.

84- Petroleum Products, Alcoholic Beverage Storage
841 Flammable, combustible liquid tank storage.
842 Gasometer, cryogenic gas storage.
843 LP-Gas bulk plant.
844 Missile, rocket fuel storage.
845 Package petroleum products storage.
846 Alcoholic beverage storage.
849 Petroleum Products, Alcoholic Beverage Storage not classified above.

840 Petroleum Products, Alcoholic Beverage Storage; insufficient information available to classify further.

85- Wood, Paper Products Storage
851 Lumberyard, building materials storage.
852 Wood products, furniture storage.
853 Fiber products storage.
854 Rolled paper storage.
855 Paper, paper products storage.
856 Timber, pulpwood, logs, wood fuel.
859 Wood, Paper Products Storage not classified above.
850 Wood, Paper Products Storage; insufficient information available to classify further.

86- Chemical Or Plastic, Chemical Or Plastic Product Storage
861 Industrial chemical storage.
862 Hazardous chemical storage.
863 Plastic, plastic product storage.
864 Fertilizer storage.
865 Paint, varnish storage.
866 Drug, cosmetic, pharmaceutical storage.
867 Rubber, rubber products storage.
868 Photographic film storage.
869 Chemical or Plastic, Chemical or Plastic Product Storage not classified above.
860 Chemical or Plastic, Chemical or Plastic Product Storage; insufficient information available to classify further.

87- Metal, Metal Product Storage
871 Basic metal form storage.
872 Metal parts storage (often in trays or bins, or on racks).
873 Hardware storage.
874 Machinery storage.
875 Electrical appliance, supply storage.
876 Finished metal products storage (often in cartons or crates).
877 Scrap, junkyards.
879 Metal, Metal Products Storage not classified above.
870 Metal, Metal Products Storage; insufficient information available to classify further.

88- Vehicle Storage
881 Residential parking garage.
882 General vehicle parking garage.
883 Bus, truck, auto fleet, automobile dealer storage.
884 Heavy machine, equipment storage.
885 Boat, ship storage.
886 Aircraft hangar.
887 Railway storage.
888 Fire stations.
889 Vehicle Storage not classified above.
880 Vehicle Storage; insufficient information available to classify further.

89- General Item Storage
891 General warehouse.
892 Bagged mineral products storage.
893 Packaged mineral products storage.
894 Freight terminal.
895 Coal, coke briquette, charcoal storage.
896 Military stores, national defense storage not elsewhere classified.
897 Ice storage.
898 Wharf, pier.
899 General Item Storage not classified above.
890 General Item Storage; insufficient information available to classify further.

80- Storage Property: Unclassified
808 Tool shed.
809 Storage Property not classified above.
800 Storage Property; insufficient information available to classify further.

9-- SPECIAL PROPERTY

91- Construction, Unoccupied Property
911 Building under construction.
912 Building under demolition.
913 Construction, structure other than buildings.
914 Demolition, structure other than buildings.
915 Vacant property.
916 Contractor's shed.
917 Idle property.
918 Building under renovation.
919 Construction, Unoccupied Property not classified above.
910 Construction, Unoccupied Property; insufficient information available to classify further.

92- Special Structures
921 Bridge, trestle.
922 Tunnel.
924 Toll station.
925 Shelter.
926 Outbuilding, excluding garage.
927 Outdoor telephone booth.
928 Aerial tramway.
929 Special Structures not classified above.
920 Special Structures; insufficient information available to classify further.

93- Outdoor Properties
931 Open land, field.
932 Dump, sanitary landfill.
933 Public mailbox.
934 Cemetery.
935 Campsite with utilities.
936 Vacant lot.
939 Outdoor Properties not classified above.
930 Outdoor Properties; insufficient information available to classify further.

94- Water Areas
941 In open sea, tidal waters.
942 Within designated port, channel, anchorage.
943 Alongside quay, pier, pilings.
944 At flammable liquid or gas loading, unloading facility.
945 Aground.
946 Inland water area.
949 Water Areas not classified above.
940 Water Areas; insufficient information available to classify further.

95- Railroad Property
951 Railroad right of way.
952 Switch yard, marshalling yard.
953 Siding.
954 Railroad signaling, switch control equipment location.
959 Railroad Property not classified above.
950 Railroad Property; insufficient information available to classify further.

96- Road, Parking Property
961 Limited access highway, divided highway.
962 Paved public street.
963 Paved private street, way.
964 Unpaved street, road, path.
965 Uncovered parking area.
969 Road, Parking Property not classified above.
960 Road, Parking Property; insufficient information available to classify further.

97- Aircraft Areas
971 In Flight.
972 On Runway.
973 On Taxiway, uncovered parking area, maintenance area.
979 Aircraft Areas not classified above.
970 Aircraft Areas; insufficient information available to classify further.

98- Equipment Operating Areas
981 Construction site.
982 Oil, gas field.
983 Pipeline, power line right of way.
989 Equipment Operating areas not classified above.
980 Equipment Operating Areas; insufficient information available to classify further.

90- Special Properties: Unclassified
909 Special Properties not classified above.
900 Special Properties; insufficient information available to classify further.

00- Fixed Property Use: Unclassified
008 Fixed Property Use not applicable.
009 Fixed Property Use not elsewhere classified.
000 Fixed Property Use undetermined or not reported.

FIXED PROPERTY USE - Alphabetical

711 **Abattoir**
687 Abrasives plant
742 Academic robe mfg
221 Academy: boarding
142 Academy: riding
761 Acetylene gas mfg
761 Acid plant
763 Acrilan fiber mfg
776 Adding machine mfg
595 Addressing firm
765 Adhesive mfg
591 Administrative office
799 Advertising display mfg
754 Advertising sign mfg
774 Aerial cableway mfg
928 Aerial tramway
791 Aeronautical instrument mfg
311 Aged persons home w/nursing
312 Aged persons home w/o nursing
773 Agricultural form mfg
626 Agricultural laboratory
774 Agricultural machine mfg: non-elec
812 Agricultural products: boxed
813 Agricultural products: loose
818 Agricultural supply storage
774 Agricultural tractor mfg
774 Air compressor mfg
774 Air condition mchry mfg
776 Air conditioner mfg: unit type
591 Air force off ice
925 Air raid shelter
761 Air reduction
773 Air rifle mfg
786 Aircraft assembly, mfg, repair
894 Aircraft freight terminal
886 Aircraft hangar
173 Airline limousine terminal
841 Airport bulk plant
981 Airport construction
632 Airport control tower
841 Airport gasoline distributing
171 Airport passenger terminal
721 Alcohol beverage distillery
721 Alcohol distilling: industrial
721 Alcohol plant
846 Alcoholic beverage stge
723 Ale mfg
846 Ale storage
715 Alfalfa mill
761 Alkali mfg
111 Alley: bowling
758 Almanac publishing, printing
524 Alteration shop: garment
772 Aluminum casting
773 Aluminum hollowware mfg
772 Aluminum refining
773 Aluminum stamping
772 Aluminum wire drawing
784 Ambulance mfg, assembly
761 Ammonia synthesis
761 Ammonium nitrate plant
864 Ammonium nitrate storage
762 Ammunition mfg
552 Ammunition sales
123 Amphitheater
113 Amusement hall, place, booth
773 Anchor mfg
942 Anchorage
791 Anesthetic machine mfg
556 Animal care center
833 Animal feed storage: processed
813 Animal feed storage: unprocessed
719 Animal food preparation
715 Animal food, stock dry feed
556 Animal hospital
719 Animal medicine preparing
726 Animal oil refinery: nonedible
726 Animal oil rendering: nonedible
556 Animal shop, supplies
663 Animal trapping, hunting
531 Antique shop
421 Apartment: 1-2 units w/business
422 Apartment: 3-6 units
423 Apartment: 7-20 units
424 Apartment: over 20 units
654 Apiary
655 Apple growing
776 Appliance assembling: elec
538 Appliance repair w/o sales
532 Appliance repair w/sales
776 Appliance repair: elec w/mfg
532 Appliance store
742 Apron mfg
913 Aqueduct construction
594 Architect office
123 Arena: sports
761 Argon gas mfg
591 Armed forces office
784 Armored car mfg, assembly
122 Armory hall
582 Army and navy store
591 Army office
677 Arsenic mining, quarrying
779 Arsenic processing
152 Art gallery incl sales
233 Art school
761 Artificial color mfg: food
742 Artificial flower mfg
738 Artificial leather mfg
791 Artificial limb mfg
761 Artificial manure mfg
799 Artist brush mfg
765 Artist color mfg
799 Artist material mfg, excl paint
765 Artist paint mfg
563 Artist supply sales
688 Asbestos concrete product mfg

688 Asbestos fiber working
678 Asbestos mining, quarrying
688 Asbestos products plant
768 Asphalt impregnated paper mfg
768 Asphalt plant
774 Asphalt road machine mfg
678 Asphalt mining, quarrying
591 Association office
742 Athletic clothing mfg
141 Athletic club w/o sleeping Athletic club w/sleeping (see 441-446)
981 Athletic field construction
798 Athletic goods mfg
758 Atlas mfg
611 Atomic fission, fusion materials mfg
531 Auction house
182 Auditorium
591 Auditors office
161 Automat
795 Automatic piano mfg
784 Automobile accessory mfg
575 Automobile accessory sales
873 Automobile accessory storage
784 Automobile assembly plant
573 Automobile body repairing, painting
571 Automobile filling station
883 Automobile lot: sales
784 Automobile parts mfg
873 Automobile parts storage
573 Automobile repair shop
574 Automobile salesroom
877 Automobile salvage, wrecking
573 Automobile seat cover shop
575 Automobile supply store
575 Automobile tire store
573 Automobile top shop
578 Automobile washing
573 Automobile muffler shop
231 Automotive school
743 Awning mfg
526 Awning store
925 Awning, canopy
773 Axe mfg
785 Axle mfg: cycle
784 Axle mfg: motor vehicle

743 Baby blanket mfg
787 Baby carriage mfg
742 Baby clothes mfg
713 Baby food mfg: homogenized
712 Baby food mfg: milk base
711 Bacon curing
799 Badge mfg
773 Bag clasp mfg: base metal
743 Bag mfg: burlap
746 Bag mfg: leather
754 Bagatelle board mfg
892 Bagged mineral prod stge
737 Bagging cord plant
716 Bakery
513 Bakery sales
719 Baking powder mfg
824 Bale storage: jute, hemp, sisal fiber
821 Bale storage: cotton
823 Bale storage: silk, synthetic fiber
822 Bale storage: wool, worsted
812 Baled hay outside
855 Baled paper stge
774 Ball bearing mfg
747 Ball mfg: rubber or synthetic
123 Ball park
799 Ballpoint pen mfg
121 Ballroom
752 Bamboo products mfg
754 Bank furniture mfg
758 Banknote printing
592 Banks
743 Banner mfg
754 Bar furniture mfg
163 Bar: alcoholic beverage
557 Barber shop
561 Barber supplies store
781 Barge building, repairing
715 Barley milling, rolling
815 Barn
464 Barrack
752 Barrel plant: wood
751 Barrel stave mfg
751 Barrelhead mfg
677 Barytes mining, quarrying
761 Barytes processing
773 Base metal cold pressing
752 Basket mfg
686 Batch plant: concrete or cement
116 Bathhouse
116 Bathing breach
747 Bathing cap mfg
771 Bathtub mfg: cast iron
764 Bathtub mfg: plastic
747 Battery case mfg
776 Battery mfg
739 Batting mill
673 Bauxite mine, quarry
772 Bauxite processing
773 Bayonet mfg
142 Beach club
715 Bean grinding, splitting
811 Bean storage: bulk
774 Bearing mfg: roller, ball, needle
557 Beauty shop
754 Bedding plant
743 Bedspread mfg
654 Bee raising
723 Beer mfg
163 Beer parlor
846 Beer stge
742 Belt mfg, excl leather
746 Belt mfg: leather
744 Belting leather tannery
747 Belting mfg: rubber or synthetic

744 Belting plant: canvas
732 Belting plant: cloth
767 Benzene mfg
141 Bet taking shop
723 Beverage mfg: beer
724 Beverage mfg: nonalcoholic
721 Beverage mfg: spirits
722 Beverage mfg: wine
846 Beverage storage: alcoholic
832 Beverage storage: soft drink
514 Beverage store
785 Bicycle assembly and repair
552 Bicycle sales and repair
871 Billet storage
112 Billiard center
754 Billiard table mfg
774 Binder machine mfg
758 Binder mfg: paper, cardboard
758 Bindery, book
113 Bingo hall
792 Binocular mfg
621 Biological laboratory
719 Birdseed mixing
716 Biscuit mfg
674 Bituminous sand operation
773 Blacksmith shop
758 Blank book mfg
776 Blanket mfg: elec
743 Blanket mfg: nonelec
771 Blast furnace
762 Blasting agent mfg
761 Bleach mfg
123 Bleachers for seating
735 Bleaching plant
726 Blended table oil mfg
776 Blender mfg: elec, kitchen
754 Blind mfg
351 Blind persons institution
742 Blouse mfg
595 Blueprint firm
311 Boarding care home: aged w/nursing
312 Boarding care home: aged w/o nursing
322 Boarding care home: children
332 Boarding care home: non-aged convalescent
431 Boarding house: 4-8 roomers
432 Boarding house: 9-15 roomers
Boarding house: over 15 roomers (see 441-446)
221 Boarding school classroom bldg
576 Boat accessory sales
782 Boat mfg: 65 ft and under
885 Boat mooring, fueling, docking
782 Boat repair: no sales
576 Boat sales
885 Boat storage
885 Boathouse
143 Boating club
782 Boatyard: vessels 65 ft and under
753 Bobbin mfg
785 Body mfg: cycle
784 Body mfg: motor vehicle
573 Body repair shop: motor vehicle
672 Bog ore mining, quarrying
717 Boiled sweets mfg
688 Boiler gasket mfg
614 Boiler house
771 Boiler mfg: cast iron
781 Boiler mfg: marine
688 Boiler packing mfg: asbestos
774 Boilerhouse machine mfg
773 Bolt mfg: metal
662 Bolt wood hewing, rough cutting
612 Bomb assembly: nuclear
773 Bomb case mfg
762 Bomb filling
925 Bomb shelter
726 Bone oil refining
799 Bone products mfg
719 Bone scraping, crushing
758 Book bronzing, gilding, edging
758 Book mfg: blank
758 Book publishing, printing
758 Book repair
541 Book store: new, used
758 Bookbinding
774 Bookbinding machine mfg
141 Bookmaker place: gambling
774 Boot mchry mfg
741 Boot mfg, excl vulcanized rubber
747 Boot mfg: vulcanized rubber
523 Boot repair
753 Boot tree mfg
523 Bootblack stand
732 Bootlace mfg: braided cotton
733 Bootlace mfg: braided wool
734 Bootlace mfg: braided, mixed fibers
677 Borate minerals mining, quarrying
761 Borage minerals processinq
774 Boring machine mfg
756 Bottle cap, seal mfg
683 Bottle plant
683 Bottle stopper, glass mfg
774 Bottling mchry mfg
724 Bottling plant
753 Bowl mfg: wood
111 Bowling establishment
552 Bowling shop
773 Box mfg: metal
756 Box mfg: paper
752 Box mfg: wood
742 Brace suspender mfg
732 Braid mfg: cotton
734 Braid mfg: mixed fibers
733 Braid mfg: wool or worsted
737 Braided cord mfg
688 Brake lining mfg
785 Brake mfg: cycle
784 Brake mfg: motor vehicle
721 Brandy mfg

773 Brass hollow ware
772 Brass refining
773 Brass stamping
772 Brass wire drawing
742 Brassiere mfg
716 Bread mfg
715 Breakfast food mfg
723 Brewery
774 Brick making machine mfg
682 Brick mfg: glass
681 Brick mfg: heat resisting
681 Brick plant: nonglass
921 Bridge
913 Bridge construction
914 Bridge demolition
676 Brine pit
768 Briquette mfg
895 Briquette stge
773 Bronze hollow ware
772 Bronze refining
773 Bronze stamping
772 Bronze wire drawing
799 Broom mfg
931 Brush growth outdoors
799 Brush mfg
773 Bucket mfg: metal
752 Bucket mfg: wood
773 Buckle mfg: base metal
794 Buckle mfg: precious metal
851 Builders supply warehouse
915 Building condemned
688 Building face stone works
751 Building mfg: portable wooden
755 Building paper mfg: fiber
751 Building products mfg: wood
555 Building supply store
911 Building under construction
912 Building under demolition
918 Building under renovation
843 Bulk lp-gas plant
841 Bulk plant: petroleum
774 Bulldozer mfg
752 Bung mfg
466 Bunkhouse
753 Buoy mfg: cork
743 Burlap bag mfg
824 Burlap storage, bales, bags
784 Bus mfg, assembly
883 Bus parking
574 Bus sales
925 Bus stop shelter
173 Bus terminal
232 Business school; commercial
712 Butter mfg
835 Butter stge
799 Button mfg

116 Cabana
754 Cabinet shop
774 Cable car mfg
775 Cable mfg: insulated electric
634 Cable: telephone, telegraph
634 Cable terminal: telephone
161 Cafe
161 Cafeteria
122 Cafe: athletic
716 Cake mfg
719 Cake mix mfg
776 Calculating machine mfg
792 Camera equipment plant
792 Camera mfg
553 Camera store
935 Campsite w/utilities
773 Can mfg: metal
794 Canadian royal mint
726 Candle mfg
726 Candle plant
717 Candy mfg
513 Candy shop
752 Cane container, products mfg
713 Cannery: fruit, vegetable
714 Cannery: sea food
744 Canvas belting plant
743 Canvas goods mfg
526 Canvas goods store
826 Canvas storage
742 Cap or hat mfg
591 Capitol building
774 Capstan mfg
578 Car washing
717 Caramel mfg
768 Carbon black plant
895 Carbon black stge
768 Carbon mfg
799 Carbon paper plant
687 Carborundum wheels mfg
784 Carburetor mfg: motor vehicle
774 Card can mfg, for textile machine
756 Card mfg: index
774 Cardboard box machine mfg
756 Cardboard box or file mfg
562 Carpenter equipment sales
916 Carpenter shed
796 Carpet cleaning, dyeing
732 Carpet, rug mfg: cotton
734 Carpet, rug mfg: mixed fibers
733 Carpet, rug mfg: wool
826 Carpet storage
536 Carpet store
516 Carry-out food store
756 Carton mfg
855 Carton stge
762 Cartridge filling
762 Cartridge works
773 Carving fork, knife mfg
773 Casement window mfg: metal
773 Cash box mfg
776 Cash register mfg
752 Cask head mfg
752 Cask mfg

753 Casket mfg
852 Casket stge and display: wood
876 Casket stge and display: metal
771 Cast iron products mfg
726 Castor oil refining
584 Catalogue store
776 Cathode ray tube mfg
652 Cattle raising
776 Ceiling fixture mfg: elec
341 Cell block: prison for men
342 Cell block: prison for women
925 Cellar: cyclone
762 Cellulose nitrate plastic fabricating
762 Cellulose nitrate plastic mfg
762 Cellulose nitrate plastic reclaiming
685 Cement mill, plant
892 Cement stge
934 Cemetery
591 Central forces office
675 Ceramic clay extraction from earth
716 Cereal filler mfg
715 Cereal plant
773 Chain mfg: metal w/o rollers
774 Chain mfg: metal w/rollers
928 Chair lift
754 Chair mfg: any material
675 Chalk extraction from earth
678 Chalk product mfg
942 Channel
131 Chapel: church
134 Chapel: funeral
661 Charcoal burning in forest
768 Charcoal mfg
768 Charcoal processing
895 Charcoal stge
784 Chassis mfg: motor vehicle
798 Checkerboard mfg
712 Cheese factory: natural, processed
742 Chefs clothing mfg
621 Chemical laboratory
761 Chemical mfg: general
677 Chemical mining
761 Chemical salts mfg
861 Chemical storage: basic industrial
862 Chemical storage: hazardous
798 Chess set mfg
717 Chewing gum mfg
725 Chewing tobacco mfg
334 Child welfare clinic
322 Childrens home
491 Childrens playhouse
567 Chimney cleaning firm
681 Chimney liner mfg
681 Chimney pipes, clay mfg
684 China decorating, repair, mfg
684 China ornaments mfg
684 China pottery mfg
545 China shop
893 China stge
593 Chiropodist office
593 Chiropractor office
773 Chisel mfg
717 Chocolate factory
758 Christmas card printing
131 Church
133 Church meeting hall
591 Church office building
545 Church supply store
722 Cider mfg: hard
724 Cider mfg: soft
752 Cigar box mfg
725 Cigar mfg
838 Cigar storage
542 Cigar store
746 Cigarette case mfg
755 Cigarette paper mfg
725 Cigarette plant
838 Cigarette storage
726 Cinnamon oil mfg
775 Circuit breaker mfg
773 Cistern mfg
771 Cistern mfg: cast iron
141 City club
616 City gas mfg
591 City hall, office bldg
633 Civil Defense communications center
714 Clam packing
675 Clay extraction from earth
681 Clay flooring tile mfg
893 Clay products stge
681 Clay roofing tile mfg
681 Clay screening, preparing
743 Cleaning cloth mfg
742 Clerical vestment mfg
334 Clinic
793 Clock mechanism: part mfg
793 Clock mfg
741 Clog footwear mfg
732 Cloth belting plant
738 Cloth coating processes
742 Cloth lining mfg
825 Cloth storage
522 Clothing accessory sales
524 Clothing alteration shop
742 Clothing plant
796 Clothing repair
521 Clothing sales, rental
141 Club: city
142 Club: country
162 Club: night
143 Club: yacht, boating
785 Clutch mfg: cycle
784 Clutch mfg: motor vehicle
768 Coal distillation
671 Coal drying
671 Coal mining
671 Coal prospecting
895 Coal stge
768 Coal tar oils mfg
742 Coat mfg

755 Coated paper mfg
738 Coating cloth
688 Coating paper w/abrasives
768 Coating paper w/asphalt, tar
799 Coating paper w/carbon
792 Coating paper w/sensitizer
523 Cobbling
721 Cocktail mfg
717 Cocoa butter mfg
717 Cocoa processing
739 Coconut fiber spinning, weaving
726 Coconut oil refining
726 Cod liver oil refining
655 Coffee growing
715 Coffee mfg: instant
715 Coffee mill
715 Coffee roasting
753 Coffin mfg
876 Coffin stge & display: metal
852 Coffin stge & display: wood
794 Coin mfg
746 Coin purse mfg
564 Coin-operated dry cleaning
564 Coin-operated laundry
739 Coir mat mfg
768 Coke by-products plant
768 Coke mfg
616 Coke oven in gas works
771 Coke oven in iron, steel plant
895 Coke storage
835 Cold storage
742 Collar mfg
241 College classroom bldg
461 College dormitory
221 College preparatory school: boarding
215 College preparatory school: day
783 Colliery rail tub mfg
774 Colliery winding gear mfg
765 Color mfg: artists
774 Comb mfg, for textile machine
841 Combustible liquids tank stge
862 Commercial explosives stge
758 Commercial lithographing
758 Commercial printing
232 Commercial school
591 Commodity broker, exchange
913 Communication system tower, equipment constr
774 Composing room equip mfg
821 Compress: cotton
774 Compressor mfg
644 Compressor station: gas
635 Computer center
776 Computer mfg: elec
182 Concert hall
686 Concrete batch plant
681 Concrete block mfg
774 Concrete mixer mfg
686 Concrete mixing plant
688 Concrete pipe mfg
686 Concrete ready-mix plant
915 Condemned property
719 Condiment mfg
761 Confectioners color mfg
513 Confectionery sales
574 Construction equipment sales
884 Construction mchry storage
911 Construction of building
913 Construction of structure other than bldg
981 Construction site
981 Construction site other than structure
594 Consulting engineers office
773 Container mfg: metal
756 Container mfg: paper
761 Continuous filament yarn mfg
774 Contractors machine mfg
594 Contractors office: permanent
916 Contractors shed
311 Convalescent home: aged w/nursing
312 Convalescent home: aged w/o nursing
332 Convalescent home: sick persons
465 Convent
928 Conveyor
774 Conveyor mfg
716 Cookie mfg
751 Cooperage stock mfg
752 Coopering
773 Copper hollow ware mfg
673 Copper mine, quarry
772 Copper rsfining
773 Copper stamping, cold pressing
772 Copper wire drawing
775 Cord mfg: insulated electric
737 Cordage plant
721 Cordial mfg
662 Cordwood stge
753 Cork grinding
753 Cork plant
753 Cork products mfg
811 Corn crib
726 Corn oil refining
232 Correspondence school
756 Corrugated paper fabricating
755 Corrugated paper mfg
742 Corset mfg
766 Cosmetic mfg
866 Cosmetic storage
561 Cosmetic supply store
545 Costume jewelry sales
742 Costume mfg
799 Costume novelties, jewelry mfg
521 Costume rental store
732 Cotton bag mfg
821 Cotton compress stge
735 Cotton finishing
731 Cotton gin
732 Cotton mill: cloth or yarn
732 Cotton mill: full process
732 Cotton mill: part process
732 Cotton mill: reworking

737 Cotton rope, cord mfg
821 Cotton storage: bales
731 Cottonseed house
726 Cottonseed oil plant
811 Cottonseed storage: bulk
741 Counter shoe mfg
743 Counterpane mfg
142 Country club
811 Country grain elevator
513 Country store
311 County home w/nursing
312 County home w/o nursing
591 County office
342 County workhouse: women
341 County workhouse: men
783 Coupler mfg: automatic railroad
773 Coupling mfg: metal
155 Court house
743 Cover mfg
652 Cow raising
714 Crab packing
773 Crane hook mfg
775 Crane mfg: elec
774 Crane mfg: nonelec
884 Crane storage: mobile
752 Crate mfg: wood
774 Crawler tractor mfg
765 Crayon mfg
712 Creamery
591 Credit company office
134 Crematorium
751 Creosote impregnating
811 Crib: corn
655 Crops
681 Crucible mfg: fireclay, graphite
674 Crude oil stge at well
674 Crude oil well, extricating
842 Cryogenic gas stge
776 Crystal mfg: elec
913 Culvert construction
114 Curling rink
796 Curtain cleaning, dyeing
743 Curtain mfg
526 Curtain shop
747 Cushion mfg: rubber or synthetics
682 Cut glass mfg
773 Cut nail mfg
741 Cut sole mfg
773 Cutlery mfg: household
791 Cutlery mfg: surgical, dental
545 Cutlery store
774 Cutting machine mfg
785 Cycle mfg
552 Cycle shop
925 Cyclone cellar
761 Cyclopropane gas mfg

712 Dairy
776 Dairy appliance mfg: elec
774 Dairy machinery mfg: nonelec
515 Dairy quick-freeze store
515 Dairy store
913 Dam construction
121 Dance hall
233 Dance school
113 Dance studio
775 Dashboard instrument mfg
756 Data processing card mfg
635 Data processing center
776 Data processing machine mfg
799 Data stamp mfg
717 Date mfg: stuffed
321 Day care center: over 4 hrs
321 Day nursery school: over 4 hrs
211 Day nursery school: 4 hrs or less
351 Deaf persons institution
773 Deed box mfg
718 Deep fat frying
591 Defense forces office
776 Dehumidifier mfg: unit type
713 Dehydration plant
516 Delicatessen
912 Demolition of building
914 Demolition project: structure other than bldg
981 Demolition site: other than structure
791 Dental supply mfg
593 Dental surgeons office
593 Dentists office
891 Department store storage
581 Department store w/furniture
583 Department store w/o furniture
174 Depot: railroad, street level
647 Desalting plant
233 Designers school
344 Detention camp: men
343 Detention home: juvenile
342 Detention home: women
726 Detergent mfg
869 Detergent stge
762 Detonator mfg
621 Diagnostic laboratory
794 Diamond cutting
544 Diamond sales
796 Diaper service plant
776 Dictating equipment mfg
538 Dictating equipment repair w/o sales
532 Dictating equipment sales
772 Die casting
758 Die stamping: paper
774 Diesel engine mfg
161 Diner
161 Dining hall
758 Directory publishing, printing
633 Disaster control center
583 Discount store over 10,000 sq ft
582 Discount store under 10,000 sq ft
684 Dish mfg
761 Disinfectant mfg: commercial
766 Disinfectant mfg: pharmaceutical

587 Disk mfg: grinding, abrasive
754 Display case mfg
768 Distillation: coal
768 Distillation: coal tar
767 Distillation: petroleum tar
721 Distillery: alcohol
646 District heating system
754 Divan bed mfg
961 Divided highway
898 Dock
593 Doctors office
636 Document center
798 Doll mfg
682 Domestic glassware mfg
684 Domestic pottery, china mfg
753 Domestic woodware mfg
773 Door frame mfg: metal
773 Door mfg: metal
751 Door mfg: wood
751 Door or window screen mfg: wood
466 Dormitory: bunk house
462 Dormitory: fraternity or sorority
464 Dormitory: military
463 Dormitory: nurses quarters
465 Dormitory: religious
461 Dormitory: school, college
Dormitory type hotel (see 441-446)
716 Doughnut mfg
773 Drag mfg: metal
774 Dragline excavator mfg
981 Drainage project: land
743 Drapery mfg
526 Drapery store
541 Drawing supply store
981 Dredging other than mining
742 Dress mfg
742 Dressing gown mfg
524 Dressmaking shop
776 Drill mfg: elec
674 Drilling for oil or gas
775 Drink mchry mfg
164 Drive-in eating place
184 Drive-in theater
233 Driving school
773 Drop forge metal pieces mfg
774 Drop hammer machine mfg
773 Drop stamped metal pieces mfg
582 Drug store: no pharmacist
543 Drug store: pharmacist on duty
766 Drugs mfg
866 Drugs storage
773 Drum mfg: metal
752 Drum mfg: wood
566 Dry cleaning pick-up shop
796 Dry cleaning plant
564 Dry cleaning: self-service
781 D ry dock
825 Dry goods storage
526 Dry goods store
761 Dry ice mfg
776 Dryer mfg: domestic
811 Dryer: corn, grain
865 Drying oil storage
351 Dumb persons institution
932 Dump
742 Dungaree mfg
595 Duplicating firm
776 Duplicating machine mfg
799 Duplicator mfg: not machine
774 Dust extraction mchry mfg
Dwelling over 2 units (see 421-424)
412 Dwelling: 1 family, seasonal use
411 Dwelling: 1 family, year-round use
415 Dwelling: 2 family, seasonal use
414 Dwelling: 2 family, year-round use
761 Dye intermediates mfg
774 Dye machine mfg: textile
735 Dyeing plant: textile

774 Earth-mining machine mfg
893 Earthenware stge
684 Earthenware decorating, repair, mfg
711 Edible fat mfg
719 Egg processing
651 Egg production
732 Elastic mfg: cotton
734 Elastic mfg: mixed, other fibers
733 Elastic mfg: wool or worsted
763 Elastomers mfg: synthetic
776 Electric appliance mfg
538 Electric appliance repair w/o sales
532 Electric appliance repair w/sales
532 Electric appliance sales
875 Electric appliance storage
791 Electric control device mfg
775 Electric distribution equip mfg
642 Electric distribution system
775 Electric equipment assembling
615 Electric generating plant
625 Electric laboratory
776 Electric lamp mfg
776 Electric light mfg: all types
775 Electric mchry mfg
776 Electric mchry repairs
874 Electric mchry storage
791 Electric measuring instrument mfg
775 Electric motor mfg
776 Electric plug mfg
791 Electric recording instrument mfg
573 Electric repair shop: motor vehicle
776 Electric sign mfg
776 Electric socket mfg
776 Electric stove mfg
642 Electric substation
875 Electric supply storage
776 Electric switch mfg
775 Electric switchgear mfg
776 Electric tool mfg
775 Electric traction motor mfg
775 Electric transmission equip mfg

642 Electric transmission system
642 Electric vault
791 Electro-medical equipment mfg
774 Electrode mfg: welding
791 Electronic control device mfg
625 Electronic laboratory
791 Electronic measuring device mfg
776 Electronic navigational aid mfg
682 Electronic tube, glass envelope mfg
758 Electrotyping: commercial
757 Electrotyping: newspaper or magazine
213 Elementary school
913 Elevated highway construction
914 Elevated highway demolition
176 Elevated railway station
921 Elevated structure
816 Elevator: grain
775 Elevator mfg: elec
774 Elevator mfg: nonelec
799 Emblem mfg
794 Emerald cutting
633 Emergency communications center
687 Emery wheel mfg
784 Engine assembly: motor vehicle
688 Engine gasket mfg: asbestos
786 Engine mfg: aircraft
774 Engine mfg: industrial
Engine mfg: marine (see 781-782)
784 Engine mfg: motor vehicle
688 Engine packing mfg: asbestos
786 Engine repair: aircraft
774 Engine repair: industrial
Engine repair: marine (see 781-782)
573 Engine repair: motor vehicle
774 Engine test cell
594 Engineering office
561 Engineering supply sales
774 Engineers tool mfg: metal
794 Engraving precious metal
758 Engraving printing plates
774 Envelope machine mfg
756 Envelope mfg
513 Epicure shop
775 Escalator mfg
726 Essential oils mfg
758 Etching printing plates
721 Ethyl alcohol distilling
774 Excavating machine mfg
774 Excavator mfg
751 Excelsior mfg
853 Excelsior stge
591 Exchange, clearing house
634 Exchange: telephone, telegraph
774 Exhauster mfg
122 Exhibition hall
762 Explosive mfg
558 Explosive sales: retail
862 Explosive storage
591 Exporters office
122 Exposition hall
567 Exterminator firm
724 Extract mfg: flavoring
763 Extrusion compounds mfg: plastic
774 Extrusion machine mfg
791 Eye mfg: artificial
548 Eyeglass fitting

741 Fabric footwear
732 Fabric mfg: cotton
734 Fabric mfg: mixed, other fibers
733 Fabric mfg: wool or worsted
739 Fabric waste recovering
774 Fabricated steel mfg: industrial
141 Faculty club
123 Fairground grandstand
925 Fallout shelter
776 Fan mfg: unit type
655 Farm crop
574 Farm implement sales
818 Farm implement storage
811 Farm silo
818 Farm store storage
466 Farm workers barrack
591 Fashion designers office
726 Fat distillation: nonedible
711 Fat refining: edible
711 Fat rendering: edible
726 Fat splitting: nonedible
754 Feather bed mfg
754 Feather products mfg
592 Federal reserve bank
811 Feed storage: bulk
818 Feed store
715 Feed: animal or poultry
745 Fellmongery
742 Felt hat mfg
732 Felt making: cotton
734 Felt making: mixed fibers
733 Felt making: wool or worsted
745 Felt mfg: hair
733 Felt mill: pressed wool
733 Felt needleloom mfg
853 Felt stg
738 Feltbase mfg
751 Fence mfg: wood
754 Fender mfg: fireplace
771 Ferro-chrome mfg
772 Ferro-molybdenum mfg
772 Ferro-silicon mfg
772 Ferro-tungsten mfg
177 Ferry terminal
761 Fertilizer mixing, bagging
554 Fertilizer sales
864 Fertilizer storage
755 Fiber building paper mfg
734 Fiber mfg: staple
764 Fiber mfg: synthetic
853 Fiber products storage
756 Fiberboard packing case mfg
753 Fiberboard plant

853 Fiberboard stge
853 Fiberglass insulation stge
685 Fibro cement mfg
931 Field
655 Field crop
122 Field house
756 File mfg: cardboard
773 File mfg: insulated
754 Filing cabinet mfg
571 Filling station: gasoline, public
577 Filling station: marine
572 Filling station: vehicle fuel, private
186 Film exchange
792 Film fabrication: photographic
797 Film processing
186 Film repairing, renovating
186 Film screening studio
868 Film storage: photographic
116 Filter area: swimming pool
743 Filter cloth mfg
647 Filtration plant: water
761 Fine chemicals mfg
827 Finished leather goods storage
867 Finished rubber products stge
826 Finished textile storage
852 Finished wood products storage
735 Finishing plant: textile
633 Fire alarm headquarters
776 Fire alarm mfg, incl nonelec
633 Fire alarm system: municipal
633 Fire communications center
774 Fire control Gevice mfg
591 Fire department administrative office
784 Fire fighting vehicles mfg
888 Fire hall
751 Fire retardant impregnating plant
888 Fire station
681 Fireclay sanitary ware mfg
773 Fireplace tool mfg
662 Firewood stge
762 Fireworks mfg
558 Fireworks sales, stands
862 Fireworks storage
714 Fish canning
665 Fish farms
665 Fish hatchery
726 Fish oil refining
714 Fish packing, preserving
714 Fish salting, drying, processing
513 Fish store
773 Fishhook mfg
142 Fishing club
737 Fishing net mfg
611 Fission products mfg
611 Fission products handling
754 Fixture mfg: furniture
743 Flag mfg
944 Flammable gas loading area for ships
944 Flammable liquid loading area for ships
645 Flammable liquid pipeline
841 Flammable liquid tank stge
762 Flare mfg
776 Flashlight mfg
682 Flat glass mfg
773 Flat spring mfg
421 Flat: 1-2 units w/business
422 Flat: 3-6 units
423 Flat: 7-20 units
424 Flat: 21 units and over
724 Flavoring extract mfg
824 Flax storage: bales, bags
734 Flax thatching
737 Flax rope, cordage product mfg
883 Fleet parking
776 Flexible shaft tool mfg
771 Flexible tube mfg: iron or steel
971 Flight area
632 Flight control center
753 Float mfg: cork
913 Flood control project
567 Floor cleaning firm
536 Floor covering store
681 Floor tile mfg: clay
738 Floor time mfg: linoleum
738 Flooring mfg: linoleum
747 Flooring mfg: rubber
751 Flooring mfg: wood
Flop house (see 441-446)
547 Florist shop
715 Flour milling, blending
837 Flour storage: bulk
661 Flower gathering: wild
547 Flower growing
799 Flower plants: artificial
547 Flower sales
776 Fluorescent fixture mfg
682 Fluorescent tube mfg
689 Fluorspar ore processing
677 Fluorspar ore mining, quarrying
747 Foam rubber mfg
747 Foam rubber processing
764 Foamed plastics fabrication
717 Fondant mfg
834 Food locker plant
774 Food mchry mfg
719 Food processing: animal
832 Food product storage: canned, bottled
833 Food product storage: loose or bagged
831 Food product storage: packaged, dry
511 Food store over 10,000 sq ft
513 Food store: specialty
512 Food store under 10,000 sq ft
832 Food stuffs: processed, canned, bottled
833 Food stuffs: processed, loose
712 Food with milk base
593 Foot car center
747 Footwear mfg: rubber, vulcanized
661 Forest fire
661 Forestry
773 Forged metal pieces mfg: drop

774 Forging machine mfg
773 Fork mfg: carving
794 Fork mfg: precicus metal
774 Forklift truck mfg
323 Foster home
771 Foundry: ferrous
772 Foundry: nonferrous
799 Fountain pen mfg
785 Frame mfg: cycle
141 Fraternal club w/o sleeping
462 Fraternity house
834 Freeze locker
776 Freezer mfg: unit type
783 Freight car mfg: railway
898 Freight pier
894 Freight terminal
765 French polish mfg
834 Frozen food locker
713 Fruit canning
713 Fruit dehydrating, quick-freezing
661 Fruit gathering: wild
655 Fruit growing
713 Fruit juice mfg
713 Fruit mfg: candied peel
717 Fruit mfg: crystalized
657 Fruit packing as picked
713 Fruit ripening, packing after picking
513 Fruit store
776 Frying pan mfg w/heating element
773 Frying pan mfg w/o heating element
717 Fudge mfg
768 Fuel mfg: packaged
762 Fuel mfg: rocket
767 Fuel oil mfg
784 Fuel pump mfg: motor vehicle
134 Funeral chapel, parlor
742 Fur apparel mfg
654 Fur-bearing animal raising
742 Fur hat mfg
745 Fur mat mfg
742 Fur muff mfg
741 Fur product mfg: footwear
742 Fur product mfg: wearing apparel
745 Fur product plant
828 Fur product storage
745 Fur rug mfg
745 Fur sorting, dressing
828 Fur storage
525 Fur store
663 Fur trapping, hunting
774 Furnace mfg
532 Furnace sales
754 Furniture mfg
791 Furniture mfg: surgical, dental
537 Furniture repair shop
832 Furniture storage
531 Furniture store
525 Furrier
762 Fuse mfg: explosive
611 Fusion material mfg
611 Fusion products handling

741 Gaiter mfg
152 Gallery: art, incl sales
747 Galoshes mfg
141 Gambling place
711 Game curing, salting
798 Game mfg
663 Game propagation
551 Game store: recreational
711 Game dressing, processing
113 Games of chance for amusement
141 Gaming place
883 Garage: city vehicle parking
882 Garage: commercial parking
883 Garage: fleet parking
573 Garage: repair
881 Garage: residential parking
574 Garage with motor vehicle sales
648 Garbage disposal plant
648 Garbage reduction plant
655 Garden
422 Garden apartment: 3-6 units
423 Garden apartment: 7-20 units
424 Garden apartment: over 20 units
737 Garden net mfg
554 Garden supplies store
774 Garden tractor mfg
826 Garment storage
742 Garter mfg
532 Gas appliance sales
774 Gas compressor mfg
774 Gas cutting mchry mfg
776 Gas discharge lamp mfg
982 Gas field
981 Gas main construction
761 Gas mfg: industrial
616 Gas mfg: fuel
644 Gas pipeline
644 Gas pipeline compressor station
616 Gas plant: manufactured, fuel
644 Gas purification station
681 Gas retort mfg
774 Gas welding machinery mfg
674 Gas well
688 Gasket mfg
774 Gasoline engine mfg
767 Gasoline mfg
572 Gasoline service station: private
571 Gasoline service station: public
841 Gasoline storage
842 Gasometer
774 Gauge mfg: metal
784 Gear box mfg: motor vehicle
784 Gear mfg: cycles
765 Gelatine mfg
678 Gems: mining, natural
591 General business office
891 General storage warehouse
615 Generating plant: elec

775 Generator mfg
545 Gift shop
721 Gin mfg
731 Gin: cotton
683 Glass container mfg
682 Glass cutting
682 Glass fiber fabricating, mfg
682 Glass fiber processing
682 Glass product mfg
893 Glass products stge
893 Glass storage
545 Glass store
792 Glasses mfg incl frame
682 Glassware mfg
786 Glider mfg, assembly, repair
744 Glove leather tannery
736 Glove mfg: knitted
742 Glove mfg: leather
747 Glove mfg: rubber
765 Glue mfg
767 Glycerine mfg
794 Gold assaying, smelting
673 Gold mine, quarry
775 Golf cart mfg: elec
142 Golf club
981 Golf course construction
552 Golf shop
513 Gourmet shop
758 Government printing office
213 Grade school
774 Grader machine mfg
816 Grain elevator
715 Grain mill
811 Grain stack
811 Grain storage: bulk
811 Granary
123 Grandstand
675 Granite quarrying, mining
688 Granite working
688 Graphite products mfg
773 Grapnel mfg
931 Grass
675 Gravel extraction from earth
688 Gravel working
767 Grease mfg
845 Grease storage in containers
547 Greenhouse
751 Greenhouse mfg: wood
758 Greeting card mfg
687 Grinding abrasives mfg
687 Grindstone mfg
715 Grist mill
833 Grocery storage: loose, bagged
831 Grocery storage: crated, boxed
511 Grocery store over 10,000 sq ft
512 Grocery store under 10,000 sq ft
677 Guano harvesting
709 Guano processing
661 Gum gathering: natural
717 Gum mfg: chewing
762 Gun cotton mfg
773 Gun mfg
552 Gun shop
762 Gunpowder works
747 Gutta-percha products
121 Gymnasium
798 Gymnastic equipment mfg
688 Gypsum board mfg
678 Gypsum mining, quarrying
688 Gypsum products mfg
892 Gypsum stge

522 Haberdashery store
776 Hair clipper mfg
766 Hair dressing mfg
557 Hair dressing shop
733 Hair felt mfg: pressed
745 Hair product plant
828 Hair product storage
766 Hair tonic mfg
799 Hairnet mfg
182 Hall: concert
121 Hall: dance
161 Hall: dining
888 Hall: fire
141 Hall: lodge
112 Hall: pool
182 Hall: public
711 Ham curing
774 Hammer machine mfg
773 Hammer mfg
737 Hammock mfg
752 Hamper mfg
773 Hand tool mfg
746 Handbag mfg
742 Handkerchief mfg
753 Handle mfg: hardwood
785 Handlebar mfg: cycle
886 Hangar
773 Hardware mfg
873 Hardware storage
533 Hardware store
753 Hardwood turning plant
746 Harness mfg
774 Harrow mfg, incl self-propelled
742 Hat mfg
796 Hat reblocking, repair
522 Hat store
651 Hatchery: poultry
745 Hatters fur mfg
811 Hay stack
811 Hay storage: bulk, not in barn
815 Hay storage in barn
818 Hay store
141 Health club
766 Health salt mfg
646 Heat transfer system
784 Heater mfg: motor vehicle
776 Heating apparatus mfg: elec
646 Heating: district, steam

774 Heating mchry mfg
574 Heavy equipment sales
611 Heavy water plant
172 Heliport
172 Helistop
737 Hemp cord rope cable mfg
735 Hemp finishing
734 Hemp spinning: soft
824 Hemp storage: bales, bags
661 Herb gathering: wild
827 Hide storage
744 Hide tanning, dressing
215 High school
642 High tension power line
981 Highway construction
961 Highway: limited access
153 Historical building
551 Hobby shop
114 Hockey rink: fixed use
123 Hockey rink in arena
773 Hoe mfg
653 Hog raising
775 Hoist mfg: elec
774 Hoist mfg: nonelec
681 Hollow tile mfg
776 Hollow ware mfg w/heating element
773 Hollow ware mfg w/o heating element
311 Home for aged w/nursing staff
312 Home for age w/o nursing staff
134 Home: funeral
567 Home maintenance firm
533 Home repair supply sales
713 Honey processing
654 Honey production, apiary
784 Hood mfg: motor vehicle
742 Hood mfg: wearing apparel
773 Hook mfg
713 Hop kiln, curing
775 Horn mfg: elec
739 Horsehair spinning, weaving
773 Horseshoe mfg
764 Hose mfg: plastic
747 Hose mfg: rubber
736 Hosiery mfg: knitted
522 Hosiery store
331 Hospital
561 Hospital supply sales
773 Hot pressed metal pieces mfg
Hotel (see 441-446 and 481-486)
754 Hotel furniture mfg
547 Hot house
341 House of correction: men
342 House of correction: women
784 House trailer mfg, assembly
412 House: 1 family, seasonal use
411 House: 1 family, year round use
754 Household furniture mfg
852 Household furniture storage
421 Housekeeping apart: 1-2 units w/business
422 Housekeeping apart: 3-6 units
423 Housekeeping apart: 7-20 units
424 Housekeeping apart: over 20 units
776 Humidifier mfg: unit type
663 Hunting
142 Hunting club
685 Hydraulic cement mfg
774 Hydraulic mchry mfg
622 Hydraulics laboratory
761 Hydrogen gas mfg
761 Hydrogen sulfide gas mfg

712 Ice cream plant
515 Ice cream shop
515 Ice cream stand: quick-freeze
897 Ice dispenser: coin operated
719 Ice harvesting
897 Ice house
719 Ice plant: mfg and natural
114 Ice skating rink
897 Ice storage
799 Identification tag mfg
917 Idle property
767 Illuminating oil mfg
591 Importers office
682 Incandescent lamp plant
648 Incinerator: industrial
648 Incinerator: municipal
756 Index card mfg
798 Indoor game mfg
591 Industrial administrative office
862 Industrial chemical stge: hazardous
861 Industrial chemical stge: non-hazardous
633 Industrial communications center
761 Industrial gas mfg
862 Industrial hazardous chemical stge
591 Industrial loan institution
774 Industrial tractor mfg
231 Industrial training school
774 Industrial valve mfg
742 Infant wear mfg
334 Infirmary: clinic type
331 Infirmary: hospital type
771 Ingot mould mfg: cast iron
871 Ingot storage
765 Ink mfg: printers
765 Ink mfg: writing
799 Ink pad mfg
865 Ink storage
Inn w/sleeping (see 441-446)
163 Inn w/o sleeping accommodations
741 Inner sole mfg
747 Inner tube mfg
761 Inorganic chemical mfg
761 Insecticides mfg
351 Institution for deaf, dumb, blind
361 Institution: mental
362 Institution: mentally retarded
352 Institution: physical rehabilitation
791 Instrument mfg: electric, electronic
791 Instrument mfg: measuring, control

795 Instrument mfg: musical
561 Instrument sales: professional
775 Insulated wire, cable mfg
688 Insulation mfg: asbestos, stone
682 Insulation mfg: glass fiber
753 Insulation mfg: wood, cork, sawdust
684 Insulator mfg: pottery, clay, porcelain
214 Intermediate school
774 Internal combustion engine mfg
591 Investment firm office
771 Iron: basic products mfg
771 Iron billet, bloom mfg
771 Iron conversion
771 Iron foundry
776 Iron mfg: domestic, elec
672 Iron ore mining, quarrying
771 Iron products mfg: cast
761 Iron pyrites processir:g
677 Iron pyrites mining, quarrying
771 Iron smelting, refining
773 Iron stamping, cold pressing
871 Iron storage: basic forms
672 Ironstone mining, quarrying
773 Ironwork mfg
981 Irrigation project construction

774 Jack mfg
742 Jacket mfg
342 Jail: women
341 Jail: men
713 Jam mfg
765 Japan drier mfg
684 Jar mfg: earthenware
683 Jar mfg: glass
713 Jelly mfg
794 Jewelry fabricating mfg
544 Jewelry shop
798 Jigsaw puzzle mfg
758 Job printing
753 Joiners off building site
751 Joiners on building site
241 Jur;ior college classroom bldg
214 Junior high school
877 Junk yard
743 Jute bag mfg
737 Jute cord plant
737 Jute rope, cord mfg
734 Jute spinning, sorting, weaving
824 Jute storage: bales, bags
343 Juvenile detention home

773 Keg mfg: metal
752 Keg mfg: wooden
556 Kennel
767 Kerosene mfg
776 Kettle mfg w/heating element
773 Kettle mfg w/o heating element
746 Key case mfg
162 Key club
773 Key mfg
533 Key-lock shop
681 Kiln lining mfg
774 Kiln mfg
742 Kilt mfg
212 Kindergarten
532 Kitchen cabinet store
773 Knife mfg
736 Knit wear mfg
736 Knitted fabric mfg
774 Knitting machine mfg: textile
736 Knitting: full process mill
736 Knitting: part process mill
764 Kodel fiber mfg

626 Laboratory: agricultural
621 Laboratory: biological
621 Laboratory: chemical
625 Laboratory: electric, electronic
622 Laboratory: hydraulics
791 Laboratory: instrument mfg
621 Laboratory: medical
622 Laboratory: metallurgical
623 Laboratory: personnel testing
622 Laboratory: physics
623 Laboratory: psychological testing
624 Laboratory:-radioactive material
627 Laboratory: research, general
732 Lace drawing, ending: cotton
732 Lace mfg: cotton
734 Lace mfg: mixed, other fibers
733 Lace mfg: wool or worsted
765 Lacquer mfg
753 Ladder mfg: wood
946 Lake
745 Lambskin shearing
773 Laminated spring mfg
776 Lamp assembling: elec
682 Lamp bulb mfg
776 Lamp holder mfg
776 Lamp mfg: metal, elec
773 Lamp mfg: metal, nonelec
743 Lamp shade mfg: cloth
756 Lamp shade mfg: paper
981 Land drainage project
981 Land reclaiming project
932 Landfill area: sanitary
711 Lard mfg
711 Lard refining
773 Latch mfg
564 Laundromat
743 Laundry bag mfg
796 Laundry: commercial
566 Laundry pick-up shop
564 Laundry: self-service
675 Lava mining, quarrying
931 Lawn
774 Lawn mower mfg
554 Lawn mower rental
591 Lawyers office
773 Lead hollow ware

673 Lead mine, quarry
799 Lead pencil mfg
772 Lead refining, smelting
773 Lead stamping, cold pressing
682 Leaded glass mfg
774 Leaf sweeper mfg
742 Leather clothing mfg
564 Leather goods sales
741 Leather heel mfg
741 Leather legging mfg
744 Leather machinery belt mfg
738 Leather mfg: artificial
741 Leather product mfg: footwear
742 Leather product mfg: wearing apparel
827 Leather product storage
746 Leather products mfg: general
741 Leather sole mfg
827 Leather storage
744 Leather tanning, dressing
738 Leatherette mfg
931 Leaves
791 Leg mfg: artificial
742 Legal robe mfg
741 Legging mfg
156 Legislative hall
181 Legitimate theater
7g2 Lens grinding, polishing
715 Lens grinding, splitting
933 Letter drop
758 Letter press
754 Lettering mfg: sign
151 Library
758 Library binder mfg
717 Licorice mfg
75.x Life belt mfg: cork
775 Lift truck mfg: elec
774 Lift truck mfg: nonelec
781 Lighter building: repair
773 Lighting fixture mfg
791 Limb mfg: artificial
688 Lime plant
688 Lime product mfg
892 Lime stge
675 Limestone quarrying, mining
688 Limestone working, cutting
961 Limited access highway
173 Limousine terminal
735 Linen finishing
734 Linen mill
796 Linen service plant
734 Linen spinning, carding
824 Linen storage: bales, bags
545 Linen store
565 Linen supply house
742 Lingerie mfg
738 Linoleum mfg
536 Linoleum store
726 Linseed oil plant
763 Liquid resin mfg: synthetic
721 Liquor blending
723 Liquor mfg: malt
846 Liquor storage
514 Liquor store
779 Lithium minerals processing
677 Lithium minerals mining
757 Lithographing
742 Livery mfg
815 Livestock storage in barn
817 Livestock storage not in barn
974 Loading ramp: aircraft
591 Loan company office
714 Lobster packing, canning
773 Lock mfg: mechanical
793 Lock mfg: time
754 Locker mfg
834 Locker plant
783 Locomotive mfg
887 Locomotive storage
141 Lodge hall
412 Lodge: 1-family
415 Lodge: 2-family
Lodging house: over 15 (see 441-446)
431 Lodging house: 408 roomers
432 Lodging house: 9-15 roomers
856 Log stge not in forest
662 Log storage
662 Logging
758 Looseleaf binder mfg
936 Lot: vacant
571 LP-gas bo'tle filling station: public
843 LP-gas bulk plant
767 Lubricating oil mfg
746 Luggage mfg
546 Luggage store
751 Lumber mfg
555 Lumber sales: retail
851 Lumber storage
851 Lumberyard
164 Lunch counter
164 Lunchroom

713 Macaroni canning
716 Macaroni plant
773 Machine gun mfg
774 Machine shop
774 Machine tool mfg: metal
744 Machinery belt mfg: leather
732 Machinery belting mfg: cotton
733 Machinery belting mfg: wool
775 Machinery mfg: elec
774 Machinery mfg: excl elec
774 Machinery parts mfg
776 Machinery repair: elec
574 Machinery sales: motor driven
874 Machinery storage: not vehicle
884 Machinery storage: vehicle
562 Machinist supply sales
774 Machinist tool mfg
757 Magazine publishing
798 Magic apparatus mfg

773 Magnesium hollow ware
772 Magnesium refining, smelting
773 Magnesium stamping
772 Magnesium wire drawing
584 Mail order store
891 Mail order warehouse
933 Mailbox
595 Mailing firm
595 Mailing list sales firm
708 Maintenance shop: general
766 Malt extracts mfg
723 Malt house
771 Manhole cover mfg: cast iron
773 Manicure set mfg
616 Manufactured gas: fuel
709 Manure processing
758 Map mounting
758 Map publishing, printing
661 Maple sugaring in forest
717 Maple sugaring outside forest
675 Marble quarrying, mining
688 Marble working
726 Margarine mfg
835 Margarine stge
576 Marine accessory sales
781 Marine boiler mfg
726 Marine oil refining
177 Marine passenger terminal
577 Marine refueling facility
Marine repair (see 781-782)
576 Marine salesroom
577 Marine service station
655 Market garden
511 Market over 10,000 sq ft
512 Market under 10,000 sq ft
713 Marmalade mfg
952 Marshalling yard
717 Marshmallow mfg
685 Masonry cement mfg
562 Masons supply sales
Mast mfg (see 781-782)
753 Mat mfg: cork
732 Mat mfg: cotton
734 Mat mfg: mixed, other fibers
758 Mat mfg: printing
747 Mat mfg: rubber or synthetic
733 Mat mfg: wool or worsted
762 Match plant
775 Materials handling equip mfg: electrical
774 Materials handling equip mfg: nonelectrical
334 Maternity clinic
331 Maternity hospital
754 Mattress mfg except rubber
747 Mattress mfg: rubber
853 Mattress storage
715 Meal milling, preparation
776 Measuring apparatus mfg: elec
711 Meat dressing, curing
513 Meat shop
775 Mechanical equip mfg: elec
774 Mechanical equip mfg: non-electrical
794 Medal mfg
791 Medical equipment mfg
682 Medical glassware mfg
621 Medical laboratory
791 Medical machine mfg
593 Medical office
561 Medical supply sales
766 Medicated wine mfg
767 Medicinal paraffin mfg
766 Medicine mfg
133 Meeting hall, church
154 Memorial structure
344 Mens detention camp
361 Mental institution
362 Mentally retarded institution
891 Mercantile stock stge: nonfood
773 Metal box mfg
771 Metal casting: iron, steel
773 Metal cold pressing
773 Metal fabricating
773 Metal furniture mfg
893 Metal ore storage
872 Metal parts storage
773 Metal product polishing, plating
876 Metal products stge: finished
771 Metal refining: iron, steel
773 Metal stamping mfg
871 Metal storage: basic forms
774 Metallurgical furnace mfg
622 Metallurgical laboratory
678 Mica quarrying, mining
792 Microscope mfg
584 Microscope sales
632 Microwave site
466 Migrant workers barracks
464 Military barracks
862 Military explosives storage
221 Military school classroom bldg
896 Military stge not elsewhere classified
712 Milk bottling
652 Milk cooling shed
652 Milk house
774 Milk machine mfg
712 Milk mfg: condensed, evaporated
712 Milk mfg: powdered
712 Milk processing
652 Milk production
835 Milk storage: bottled, canned
526 Mill outlet store
742 Millinery mfg
522 Millinery store
713 Mincemeat mfg
783 Mine rail car mfg
688 Mineral grinding, processing
678 Mineral: mining nonmetallic
767 Mineral oil refining
761 Mineral pigments mfg
677 Mineral pigments mining

892 Mineral products stge: bagged
893 Mineral products storage: packaged, nonbagged
724 Mineral water carbonating
688 Mineral wool mfg
677 Mining chemicals
671 Mining coal
677 Mining fertilizer mineral
672 Mining iron ore
774 Mining mchry mfg
751 Mining timber mfg
794 Mint: money
753 Mirror frame mfg
682 Mirror mfg
844 Missile fuel stge
631 Missile launch site
786 Missile mfg, assembly, repair: no fuel
742 Mitten mfg
734 Mixed fiber, full process mill
776 Mixer mfg: domestic
784 Mobile home mfg, assembly
411 Mobile home: permanent family unit
574 Mobile home sales
751 Mobile saw, planing mill
717 Molasses mfg
465 Monastery
794 Money mfg
792 Monocle mfg
154 Monument
688 Monument works
799 Mop mfg
134 Morgue
591 Mortgage company
134 Mortuary
131 Mosque
Motel (see 441-446 and 481-486)
868 Motion picture exchange
797 Motion picture film processing
868 Motion picture film storage
186 Motion picture studio
183 Motion picture theater
775 Motor mfg: elec
774 Motor mfg: nonelectric
784 Motor vehicle mfg, assembly
573 Motor vehicle repairs
574 Motor vehicle sales
575 Motor vehicle supply store
576 Motorboat sales
784 Motorcycle mfg
784 Motorcycle parts mfg
573 Motorcycle repair
574 Motorcycle sales
763 Moulded compound mfg: plastic
764 Moulded plastic products
756 Moulded pulp goods mfg
186 Movie studio
183 Movie theater
573 Muffler repair shop: motor vehicle
733 Mungo shoddy mfg
591 Municipal building
616 Municipal gas mfg
762 Munitions mfg
152 Museum
758 Music publishing, printing
233 Music school
534 Music store
795 Musical instrument mfg
534 Musical instrument sales
719 Mustard mfg

773 Nail mfg
767 Naphtha oil refining
743 Napkin mfg
732 Narrow fabric mfg: cotton
734 Narrow fabric mfg: mixed fibers
733 Narrow fabric mfg: wool
678 Natural abrasive mining
685 Natural cement mfg
674 Natural gas well
767 Natural gasoline plant
765 Natural resin grinding
591 Navy office
726 Neatsfoot oil refining
742 Necktie mfg
774 Needle bearing mfg
773 Needle mfg: sewing
794 Needle mfg: record
739 Needleloom carpet mfg
739 Needleloom felt mfg
776 Neon lamp mfg
682 Neon light mfg, fabricating
776 Neon sign mfg
737 Net mfg: excl hair
799 Net mfg: hair
591 News gathering agency office
591 News reporting agency office
757 Newspaper publishing
755 Newsprint mfg
542 Newsstand
742 Night clothes mfg
162 Night club
742 Night dress mfg
631 N ike site
689 Nitrate minerals processing
677 Nitrate minerals quarrying
762 Nitrocellulose mfg, reclaiming
761 Nitrous oxide gas mfg
772 Nonferrous metal refining
716 Noodle mfg
753 Novelty mfg: hardwood
551 Novelty store
611 Nuclear fuel element plant
612 Nuclear ordinance, bomb assembly
774 Nuclear reactor mchry mfg
613 Nuclear reactor power production
624 Nuclear reactor, research
465 Nuns living quarters
321 Nursery school: over 4 hours
211 Nursery school: 4 hours or less
655 Nursery: tree, bush

463 Nurses living quarters
311 Nursing home w/nursing
312 Nursing home w/o nursing
726 Nut cake mfg
655 Nut growing
726 Nut meat mfg
773 Nut mfg: metal
657 Nut packing as picked
717 Nut salting
513 Nut shop
811 Nut storage
717 Nut sugar coating
763 Nylon fiber mfg

739 Oakum picking, willowing
782 Oar mfg
715 Oat milling, flaking
593 Oculists office
592 Office: bank
591 Office: business
754 Office fixture, fittings mfg
754 Office furniture mfg
531 Office furniture store
531 Office machine sales
776 Office machinery mfg
593 Office: medical
531 Office supply sales
982 Oil field
767 Oil mfg: lubricating
726 Oil mfg: salad
726 Oil of clove mfg
645 Oil pipeline
674 Oil reservoir
674 Oil shale mining, retorting
845 Oil storage in containers
841 Oil storage in tanks
674 Oil well
738 Oilcloth mfg
742 Oilskin mfg
766 Ointment mfg
311 Old persons home w/nursing
312 Old persons home w/o nursing
726 Oleo oil refining
726 Oleo-stearine mfg
726 Olive oil refining, hydrogenation
941 Open sea
181 Opera house
791 Operating table mfg
792 Ophthalmic goods mfg
792 Ophthalmoscope mfg
682 Optical glass mfg
792 Optical glass grinding, polishing
548 Optical goods sales
792 Optical instrument mfg
548 Opticians office
548 Optometrists office
164 Orange bar
655 Orange growing
713 Orange juice concentrating
655 Orchard
773 Ordnance mfg except vehicles
673 Ore concentration
672 Ore mining
771 Ore preparation plant: iron
772 Ore smelting: nonferrous
795 Organ mfg
534 Organ sales
761 Organic chemical mfg
764 Orlon fiber mfg
794 Ornament mfg
545 Ornamental goods store
773 Ornamental ironwork mfg
322 Orphanage
752 Osier container mfg
593 Osteopaths office
782 Outboard motor mfg, repair
576 Outboard motor sales
926 Outbuilding
492 Outdoor sleeping quarters
927 Outdoor telephone booth
926 Outhouse
774 Oven mfg, industrial
742 Overalls mfg
742 Overcoat mfg
761 Oxygen gas mfg
861 Oxygen stge: liquid or gas
665 Oyster bed operation
714 Oyster packing, canning
665 Oyster: wild, cultivated

514 Package store
768 Packaged fuel mfg
893 Packaged mineral prods stge
845 Packaged petroleum prods stge
838 Packaged tobacco prods stge
774 Packaging machine mfg
752 Packing case mfg: wood
657 Packing crops as picked
756 Pad mfg: writing
739 Padding mfg: all fibers
765 Paint mfg
573 Paint shop
865 Paint storage
535 Paint store
799 Painters brush mfg
773 Painters pot mfg: metal
535 Painters supply store
742 Pajamas mfg
726 Palm oil refining
774 Paper bag machine mfg
756 Paper bag mfg incl printing
855 Paper bag stge
756 Paper box mfg incl printing
758 Paper bronzing gilding, edging
756 Paper carton mfg incl printing
755 Paper coating, glazing, laminating
756 Paper container mfg incl printing
755 Paper corrugating, laminating
756 Paper cutout pattern mfg
541 Paper goods sales

756 Paper label manufacturing
756 Paper lamp-shade mfg
774 Paper making mchry mfg
687 Paper mfg: abrasive
768 Paper mfg: asphalt coated
799 Paper mfg: carbon
792 Paper mfg: sensitized
799 Paper mfg: treated duplicating
755 Paper mill
756 Paper mounts mfg
756 Paper plate mfg
756 Paper products fabricating
855 Paper products stge
755 Paper reclaiming
758 Paper ruling
756 Paper spoon or utensil mfg
855 Paper stge: not rolled
854 Paper stge: rolled
855 Paper storage: baled
755 Paperboard mfg, coating
756 Papier-mache goods mfg
767 Paraffin wax mfg
742 Parasol mfg
931 Park
981 Parking area construction
882 Parking garage: general
881 Parking garage: residential
981 Parking lot construction
882 Parking lot: covered
965 Parking lot: uncovered
134 Parlor: funeral
625 Particle accelerator
171 Passenger terminal: airport
173 Passengerterminal: bus
174 Passenger terminal: street level rail
177 Passenger terminal: marine
176 Passenger terminal: elevated rail
175 Passenger terminal: subway
765 Paste mfg
799 Pastel mfg
717 Pastilles mfg
716 Pastry mfg
744 Patent leather plant
964 Path
621 Pathological laboratory
963 Paved driveway
963 Paved private street
962 Paved public street
545 Pawn shop
715 Pea grinding, splitting
713 Peanut butter processing
726 Peanut oil refining
713 Peanut processing
811 Peanut storage: bulk
794 Pearl products, jewelry mfg
678 Peat cutting, digging
818 Peat storage
745 Pelt sorting, dressing
799 Pen mfg
773 Pen nib mfg: base metal
794 Pen nib mfg: precious metal
541 Pen shop
341 Penal institution: men
799 Pencil lead mfg
799 Pencil mfg
799 Penholder mfg
341 Penitentiary: men
342 Penitentiary; women
113 Penny arcade
311 Pensioners home w/nursing
312 Pensioners home w/o nursing
787 Perambulator mfg
762 Percussion cap mfg
795 Percussion instruments mfg
766 Perfume mfg
726 Perfume oil mfg
545 Perfume sales
757 Periodical publishing
792 Periscope mfg
722 Perry win mfg
623 Personnel testing laboratory
761 Pest control chemical mfg
556 Pet care center
556 Pet shop, supplies
841 Petroleum bulk plant
841 Petroleum distributing station
767 Petroleum jelly mfg
845 Petroleum packaged product
767 Petroleum refinery
841 Petroleum tank farm
841 Petroleum terminal
674 Petroleum well
898 Petrolcum wharf
773 Pewter hollow ware mfg
772 Pewter refining, smelting
773 Pewter stamping
766 Pharmaceutical mfg
866 Pharmaceutical storage
582 Pharmacy: no pharmacist
543 Pharmacy: pharmacist on duty
776 Phonograph assembling: elec
795 Phonograph record blank mfg
689 Phosphate minerals processing
677 Phosphate minerals mining, quarrying
595 Photocopy firm
758 Photoengraving: commercial
757 Photoengraving: newspaper and magazine
797 Photofinishing
792 Photographic equipment mfg
792 Photographic film, paper mfg
792 Photographic lens mfg
553 Photographic store
553 Photographic studio
792 Photographic supplies mfg
352 Physical rehabilitation institution
593 Physicians office
622 Physics laboratory
593 Physiotherapists office
795 Piano mfg

534 Piano store
566 Pick-up shop: laundry, dry cleaning
713 Pickle processing
753 Picture frame mfg
711 Pie mfg: meat
716 Pie mfg: nonmeat
526 Piece goods sales
898 Pier
913 Pier construction
914 Pier demolition
898 Pier: Petroleum
943 Pier water area
771 Pig iron mfg
653 Pig raising
761 Pigment mfg
774 Pile driver mfg
766 Pill mfg
771 Pillar box mfg: cast iron
754 Pillow mfg: nonrubber
747 Pillow mfg; rubber
754 Pillow renovating plant
743 Pillowslip mfg
771 Pipe mfg: cast iron, steel, iron
681 Pile mfg: concrete
764 Pipe mfg: plastic
799 Pipe mfg: smoking
872 Pipe storage: metal
983 Pipeline construction above surface
981 Pipeline construction below surface
645 Pipeline: flammable liquid
644 Pipeline: Gas
983 Pipeline right of way
646 Pipeline: steam
647 Pipeline: water
773 Pistol mfg
751 Planing mill
688 Plaster mfg
688 Plaster product mfg
892 Plaster storage
763 Plastic beads mfg
782 Plastic boat fabrication
764 Plastic casting
763 Plastic dispersions mfg
763 Plastic emulsions mfg
764 Plastic enclosure mfg
764 Plastic film mfg
764 Plastic foamed products fabr
741 Plastic footwear mfg
799 Plastic lamp shade mfg
763 Plastic making: foamed
763 Plastic mfg
742 Plastic outerware mfg
764 Plastic part, product mfg
763 Plastic powder mfg
863 Plastic product storage
764 Plastic products fabr
764 Plastic rods mfg
764 Plastic sheet fabr
763 Plastic solution mfg
863 Plastics storage
764 Plastic toy mfg
684 Plate mfg: china
753 Plate mfg: hardwood
756 Plate mfg: Paper
792 Plate mfg: sensitized
682 Plate window glass plant
794 Platinum assaying, smelting
795 Player piano mfg
124 Playground
491 Playhouse: childrens
181 Playhouse: theater
758 Playing card mfg
774 Plow mfg incl self-propelled
776 Plug mfg: elec
562 Plumbers tool sales
773 Plumbing supply mfg
533 Plumbing supply sales: retail
873 Plumbing supply sales: wholesale
873 Plumbing supply storage
799 Plume mfg
751 Plywood mfg
774 Pneumatic control equip mfg
774 Pneumatic mchry mfg
746 Pocketbook mfg
773 Pocketknife mfg
662 Pole hewing, rough cutting
642 Pole: utility power
633 Police communications center
345 Police station
765 Polish mfg
743 Polishing cloth mfg
764 Polyester fiber mfg
946 Pond
786 Pontoon mfg, assembly, repair
112 Poolroom, hall, center
684 Porcelain product mfg
942 Port area
123 Portable grandstands
723 Porter mfg: malt
685 Portland cement mfg
596 Post office
758 Postage stamp printing
773 Pot mfg: metal
677 Potash mining, quarrying
718 Potato chip plant
718 Potato crisp mfg
718 Potato mfg: flaked
684 Pottery plant
545 Pottery shop
893 Pottery stge
711 Poultry dressing, curing
651 Poultry farm
715 Poultry feed: stock dry
719 Poultry food preparation: grit
751 Poultry house mfg wood
513 Poultry store
556 Pound: animal
726 Powdered soap plant
615 Power house: electric
614 Power house: steam

983 Power line right of way
642 Power line: overhead
642 Power line: underground
143 Power squadron club
794 Precious metal assaying, smelting
794 Precious stone cutting
774 Precision chain mfg
774 Prefabricated bldgs mfg: metal
751 Prefabricated structure mfg: wood
221 Preparatory school classroom bldg: boarding
713 Preserve mfg
774 Press machine mfg: hydr, mech
774 Press mfg: printing
773 Pressed metal pieces mfg: hot
756 Pressed pulp goods mfg
751 Pressure impregnation plant
213 Primary school
774 Prime mover mfg: nonelec
765 Printing ink mfg
774 Printing machine mfg
757 Printing newspaper, magazines
735 Printing plant: textile
747 Printing roller mfg
855 Printing supply storage: flat paper
854 Printing supply storage: rolled paper
758 Printing: commercial
331 Prison hospital
341 Prison: men
344 Prison: minimum security type
342 Prison: women
221 Private boarding school classroom bldg
881 Private garage
963 Private street
963 Private way
926 Privey
513 Produce sale: retail
812 Produce storage: crated, boxed
813 Produce storage: loose, bagged
791 Professional instrument mfg
593 Professional office: medical
561 Professional supply sales
792 Projector mfg
786 Propeller mfg: aircraft
Propeller shaft mfg (see 781-782)
773 Pruning knife mfg
593 Psychologist office
163 Pub
754 Public building furniture mfg
882 Public garage: parking
182 Public hall
852 Public household furniture stge
962 Public street: paved
964 Public street: unpaved
884 Public works vehicle stge
758 Publishing: book
757 Publishing: newspaper, periodical
771 Puddling furnace
774 Pulp making mchry mfg
755 Pulp mill
853 Pulp stge
856 Pulpwood stge not in forest
662 Pulpwood storage in forest
774 Pump mfg
644 Pumping station: gas
645 Pumping station: oil
648 Pumping station: sewage
647 Pumping station: water
787 Push chair mfg
799 Puzzle mfg
761 Pyrites processing
677 Pyrites mining quarrying
772 Pyrophoric metal working
762 Pyroxylin fabricating, mfg
762 Pyroxylin reclaiming

677 Quarry: chemicals, minerals
774 Quarry crushing machine mfg
676 Quarry: salt
675 Quarry: sand, gravel, stone
774 Quarrying machine mfg
678 Quartz mining, quarrying
743 Quilt mfg

654 Rabbit raising
123 Race track grandstand
815 Race track stable
776 Radar mfg
632 Radar site
791 Radiation measurement device mfg
771 Radiator mfg: cast iron sections
776 Radiator mfg: domestic elec
784 Radiator mfg: motor vehicle
776 Radio and TV tubes, glass envelope mfg
632 Radio beacon
754 Radio cabinet mfg: wood
632 Radio communications site
776 Radio mfg
538 Radio repairs w/o sales
532 Radio sales
185 Radio studio
632 Radio transmitting site
611 Radioactive material disposal
624 Radioactive material lab
611 Radioactive material mfg
611 Radioactive material storage
611 Radioactive tracer processing
739 Rag reclaiming
739 Rag reworking rnill
739 Rag shop
829 Rag storage
783 Railroad coach mfg
887 Railroad equip storage
894 Railroad freight terminal
174 Railroad passenger terminal: street level
783 Railroad repair shop
951 Railroad right of way
981 Railroad roadbed construction
783 Railroad rolling stock assembling
783 Railroad shop

953 Railroad siding
954 Railroad signal equipment
783 Railroad signal mfg
176 Railroad station
771 Railroad switch mfg
615 Railroad system electric power plant
771 Railroad truck mfg
742 Raincoat mfg
713 Raisin processing
773 Rake mfg
739 Ramie spinning, weaving
752 Rattan product mfg
827 Raw leather storage
867 Raw rubber products storage
717 Raw sugar refining
764 Rayon fiber mfg
773 Razor blade mfg
776 Razor mfg, elec
773 Razor mfg, nonelec
742 Ready-made clothing mfg
686 Ready-mix concrete plant
774 Reaper mfg incl self-propelled
7x7 Rebuilding tires
747 Recapping tires
776 Record player mfg: sound, music
532 Record player sales
636 Record repository: document
534 Record shop
113 Recreation center, facility, place
233 Recreational school
591 Recruiting off ice
774 Reed mfg for textile machine
752 Reed product mfg
726 Refinery: animal oil
767 Refinery: petroleum
767 Refinery tankage
765 Refinery: turpentine
726 Refinery: vegetable oil
343 Reform school
341 Reformatory: men
342 Reformatory: women
675 Refractory clay extraction from earth
681 Refractory tile mfg: brick
774 Refrigeration mchry mfg
776 Refrigerator mfg: unit type
532 Refrigerator sales
932 Refuse disposal area
784 Registration plate mfg, motor vehicle
591 Regulatory office
234 Rehabilitation center: attendance by choice
336 Rehabilitation center: forced attendance
346 Rehabilitation center: vocational
758 Relief stamping: paper
545 Religious goods store
591 Religious organization office
713 Relish mfg
918 Remodeling while building vacant
711 Rendering fat: edible
918 Renovation while building vacant
573 Repair garage w/o motor vehicle sales
574 Repair garage with motor vehicle sales
632 Repeater site: radio, microwave
627 Research laboratory
593 Research organization office
881 Residential parking garage
221 Residential school building
763 Resin mfg: synthetic
661 Resin gathering: natural
311 Rest home w/nursing staff
312 Rest home w/o nursing staff
161 Restaurant
754 Restaurant furniture mfg
568 Restaurant supplies and services
747 Retreading tires
773 Revolver mfg
732 Ribbon mfg: cotton
734 Ribbon mfg: mixed, other fiber
733 Ribbon mfg: wool or worsted
655 Rice growing
715 Rice mill
811 Rice storage: bulk
142 Riding club
815 Riding stable
142 Rifle club
773 Rifle mfg
Rigging mfg: marine (see 781-782)
946 River
773 Rivet mfg: metal
774 Road maintenance machine mfg
774 Road making machine mfg
884 Road mchry storage
963 Road: private paved
962 Road: public paved
774 Road roller machine mfg
964 Road: unpaved
164 Roadside stand, counter: eating
513 Roadside stand, counter: produce
742 Robe mfg
786 Rocket airframe mfg
762 Rocket fuel mfg
844 Rocket fuel stge
631 Rocket launch site
762 Rocket mfg: signal
688 Rockwool mfg
764 Rod mfg: plastic
774 Rod mfg: welding
854 Rolled paper stge
774 Roller bearing mfg
774 Roller mfg, for textile machine
123 Roller rink in arena
115 Roller skating rink
774 Rolling mill mchry mfg
685 Roman cement mfg
681 Roof tile mfg: clay
768 Roofing materials mfg: asphalt
688 Roofing materials mfg: stone
751 Roofing materials mfg: wood
851 Roofing storage
555 Roofing supply sales

776 Room heater mfg: unit type
Rooming house w/over 15 persons (see 441-446)
432 Rooming house: 9-15 roomers
431 Rooming house: 4-8 roomers
715 Root peeling mill
737 Rope mfg
853 Rope stge
765 Rosin mfg
783 Roundhouse
742 Rubber clothing mfg
747 Rubber dipping, mixing
747 Rubber footwear mfg: vulcanized
661 Rubber gathering: wild
522 Rubber goods store
655 Rubber growing
747 Rubber hose mfg
747 Rubber mat mfg
747 Rubber mfg: foamed
661 Rubber plantation
747 Rubber products mfg
867 Rubber products storage
742 Rubber rainwear mfg
747 Rubber reclaiming
747 Rubber scrap processing
747 Rubber shoe mfg: vulcanized
799 Rubber stamp mfg
541 Rubber stamp store
867 Rubber storage
747 Rubber toy mfg
747 Rubber waste processing
648 Rubbish burner: industrial
794 Ruby cutting, mounting
732 Rug mfg: cotton
734 Rug mfg: mixed fibers
733 Rug mfg: wool
796 Rug cleaning, dyeing
826 Rug storage
536 Rug store
774 Ruling machine mfg: printing
721 Rum mfg
972 Runway at airport
716 Rusk mfg
753 Rustic furniture mfg
715 Rye milling, flaking, rolling

743 Sack mfg
785 Saddle mfg: cycle
746 Saddlery mfg
591 Safe deposit firm
773 Safe mfg
682 Safety glass mfg
715 Sago grinding, splitting
743 Sail mfg
713 Salad dressing mfg
726 Salad oil mfg
163 Saloon
676 Salt crushing, screening
761 Salt mfg: chemical
676 Salt mining
719 Salt packing not at mine
719 Salt processing not at mine
719 Salt refining: edible
877 Salvage yard
758 Sample mounting, printing
332 Sanatorium
688 Sand washing, screening
675 Sand extraction from earth
776 Sander mfg: elec
687 Sandpaper mfg
675 Sandstone mining, quarrying
688 Sandstone working
684 Sanitary earthenware mfg
932 Sanitary landfill
913 Sanitation project construction
661 Sap gathering, extracting
794 Sapphire cutting, mounting
751 Sash mfg: wood
791 Satellite mfg, assembly
632 Satellite tracking station
733 Satinet cloth mill
713 Sauce processing
773 Saucepan mfg
711 Sausage casing mfg
592 Savings bank
592 Savings, loan institution
776 Saw mfg: electric
773 Saw mfg: hand
751 Saw, planing mill
751 Sawdust mfg
751 Sawdust pile
751 Sawmill in or out of forest
774 Scale mfg
742 Scarf mfg
232 School: business, commercial
221 School classroom: private boarding
343 School: correctional, reform
233 School; dancing
233 School: xdeaf, dumb or blind
461 School: dormitory
213 School: elementary
215 School: high
214 School: intermediate
214 School: junior high
211 School: nursery
132 School: religious education only
233 School: specialty
132 School: Sunday
231 School: trade, industrial
231 School: vocational
791 Scientific equipment mfg
688 Scientific glassware mfg
593 Scientific organization office
773 Scissor mfg
784 Scooter mfg: motorized
771 Scrap iron processing
877 Scrap recovery, reclaiming
747 Scrap rubber processing
774 Scraper mfg: earth
774 Screening machine mfg

773 Screw mfg
233 Sculpture: school for
773 Scythe mfg
714 Sea food packing, canning
714 Sea food salting, drying
941 Sea: open
573 Seat cover shop: auto
221 Secondary boarding school classroom bldg
221 Secondary school classroom bldg: boarding
215 Secondary school: day
521 Secondhand clothing sale
232 Secretarial school
591 Security brokers office
726 Seed cake mfg
655 Seed crop
726 Seed meal mfg
719 Seed preparation
811 Seed storage: bulk
554 Seed store
565 Self-service dry cleaning
564 Self-service laundry
794 Semi-precious stone working
242 Seminary classroom building
792 Sensitized film mfg
577 Service station: marine
572 Service station: private
571 Service station: public
648 Sewage disposal plant
648 Sewer
981 Sewer construction
776 Sewing machine mfg
774 Sewing machine mfg: bookbinding
532 Sewing machine store
773 Shackle mfg
754 Shade mfg
526 Shade store
751 Shake splitting: wood
767 Shale oil refining
766 Shampoo mfg
776 Shaver mfg: dry, elec
726 Shaving cream, soap mfg
773 Shears mfg
916 Shed: contractors
808 Shed: tool
766 Sheep dip mfg
654 Sheep raising
742 Sheepskin lined clothing mfg
744 Sheepskin mat mfg
745 Sheepskin rug mfg
745 Sheepskin shearing
774 Sheet metal working machine mfg
773 Sheet metal working: base metal
743 Sheet mfg
788 Sheet music publishing, printing
534 Sheet music sales
747 Sheet rubber mfg
754 Shelf mfg: any material
773 Shell case mfg: arms
762 Shell filling: munitions
799 Shell products mfg
765 Shellac mfg
925 Shelter: fallout, storm or bomb
751 Shingle mfg, wood
781 Ship breaking yard
Ship fabricating plant (see 781-782)
781 Ship parts mfg
Ship repairing (see 781-782)
885 Ship storage
773 Shipping container mfg: metal
781 Shipyard: vessels over 65 ft
742 Shirt mfg
522 Shirt store
784 Shock absorber mfg: motor vehicle
733 Shoddy mill
741 Shoe accessory mfg
754 Shoe case mfg
732 Shoe lace mfg: braided cotton
734 Shoe lace mfg: braided fibers
733 Shoe lace mfg: braided wool
746 Shoe lace mfg: leather
774 Shoe mchry mfg
741 Shoe mfg
765 Shoe polish mfg
523 Shoe repair shop, store
523 Shoe repair with manufacture
523 Shoe shine stand, shop
827 Shoe storage
522 Shoe store
753 Shoe tree mfg
113 Shooting gallery
754 Shop front mfg
754 Shop furniture mfg
716 Shortbread mfg
726 Shortening mfg
835 Shortening stge
773 Shotgun mfg
774 Shovel loader mfg: earth-moving
714 Shrimp packing, canning
931 Shrubbery: cultivated
754 Shutter mfg
753 Shuttle mfg for textile machine
785 Side car mfg, assembly
751 Siding mfg: wood
754 Sign lettering
754 Sign mfg
754 Sign painting
762 Signal rocket mfg
811 Silage storage
735 Silk finishing.
799 Silk lamp shade mfg
734 Silk mill
734 Silk spinning
823 Silk storage: bales, bags
811 Silo: farm
794 Silver & silver plate ware assembly, mfg
794 Silver assaying, smelting
774 Silver can mfg for textile machine
673 Silver mining, quarry

794 Silverware mfg
824 Sisal storage: bales, bags
737 Sisal working
153 Site: historic
552 Skate shop
114 Skating rink: ice
123 Skating rink: in arena
115 Skating rink: roller
774 Ski lift mfg
552 Ski shop
928 Ski tow
745 Skin mat mfg
828 Skin product storage
828 Skin storage
745 Skin tanning, dressing
742 Skirt mfg
773 Skylight mfg: metal
742 Slacks mfg
675 Slate quarrying
688 Slate working, cutting
711 Slaughter house
492 Sleeping quarters outdoors
743 Slip cover mfg
741 Slipper mfg
773 Small arms or accessory mfg
772 Smelting
711 Smoke house: meat
164 Snack bar
718 Snack mfg
773 Snap fastener mfg: metal
774 Snow blower mfg
554 Snow blower rental
725 Snuff plant
838 Snuff storage
726 Soap or detergent mfg
869 Soap storage
675 Soapstone mining, quarrying
141 Social club w/o sleeping
736 Sock mfg: knitted
776 Socket mfg: elec
755 Soda pulp mfg
761 Sodium processing
677 Sodium mining, quarrying
724 Soft drink mfg
741 Sole mfg: leather or plastic
741 Sole mfg: wooden
744 Sole leather tannery
763 Solid resin mfg: synthetic
762 Solvent extraction
767 Solvent mfg
462 Sorority house
532 Sound equipment sales
776 Sound recording equip mfg
719 Soup canning
816 Soybean elevator
715 Soybean grinding, splitting
726 Soybean processing
811 Soybean storage, bu lk
791 Space measuring instrument mfg
773 Spade mfg
716 Spaghetti mfg
773 Spanner mfg
Spar mfg (see 781-782)
233 Specialty school
792 Spectacle mfg
726 Sperm oil products
719 Spice processing
774 Spindle mfg for textile machine
774 Spinning machine mfg: textile
732 Spinning mill: cotton
734 Spinning mill: mixed, other fibers
733 Spinning mill: wool or worsted
773 Spiral spring mfg
791 Splint mfg
716 Split pea mfg
747 Sponge mfg: rubber or synthetic
747 Sponge rubber mfg
774 Spool mfg for textile machine
773 Spoon mfg: nonprecious metal
794 Spoon mfg: precious metal
746 Sporting goods mfg, leather
798 Sporting goods mfg, non-leather
552 Sporting goods store
773 Sporting guns mfg
123 Sports arena
737 Sports net mfg
521 Sportswear shop
773 Spring mfg: steel
774 Spring mfg: balance
815 Stable
123 Stadium
765 Stain mfg: wood, varnish
682 Stained glass mfg
799 Stamp mfg: embossing, metal
799 Stamp mfg: rubber
758 Stamp printing: postage
773 Stamped metal pieces mfg: drop
661 Standing timber
734 Staple fiber mfg
715 Starch plant
837 Starch storage; bulk
591 State capitol
514 State liquor store
591 State office
173 Station: bus
176 Station: elevated railroad
888 Station: fire
345 Station: police
174 Station: railroad, street level
175 Station: subway
756 Stationery mfg incl printing
541 Stationery store
751 Stave mfg
141 Steam bath
774 Steam boiler mfg
614 Steam generating plant
774 Steam roller mfg
774 Steam shovel mfg
726 Stearin oil refining or mfg
771 Steel alloy mfg

771 Steel: basic products mfg
771 Steel billet, bloom mfg
771 Steel conversion, forging
771 Steel foundry, furnace, mill
771 Steel smelting, refining
773 Steel spring mfg
771 Steel stripping
774 Steelwork mfg: building, bridge
784 Steering gear mfg: motor vehicle
799 Stencil mfg
595 Stenographic services firm
757 Stereotyping newspaper, magazine
561 Stethoscope sales
736 Stocking mfg: knitted
711 Stockyard abattoir
817 Stockyard: livestock stge
774 Stoker mfg
688 Stone crushing
675 Stone quarrying
688 Stone shaping, grinding
681 Stoneware pipe, conduit mfg
753 Stopper mfg: cord
891 Storage: general
581 Store: department w/furniture
562 Store fixture sales
754 Store front mfg
754 Store shutter mfg
754 Storm door mfg
925 Storm shelter
723 Stout mfg
681 Stove lining mfg: brick
771 Stove mfg: cast iron
776 Stove mfg: elec
773 Stove mfg: not cast iron, nonelec
765 Stove polish mfg
532 Stove sales
746 Strap mfg: leather
742 Straw hat mfg
739 Straw mat mfg
756 Straw mfg: paper
737 Straw rope, cord mfg
931 Straw stack
946 Stream
981 Street construction
174 Street level rail terminal
962 Street: paved, public
783 Street railway painting shop
783 Street railway repair shop
887 Street railway storage house
783 Streetcar assembling, mfg
795 String instrument mfg
737 String mfg
761 Strontium minerals processing
677 Strontium minerals mining
681 Structural clay products mfg
893 Structural clay products storage
771 Structural steel mfg
871 Structural steel storage
141 Student club
461 Student dormitory
141 Student union
113 Studio: dance
186 Studio: motion-picture
553 Studio: photography, still picture
185 Studio: radio or TV
662 Stump storage: wood
642 Substation: elec
783 Subway car mfg
913 Subway construction
914 Subway demolition
175 Subway station
711 Suet mfg
717 Sugar beet or cane refining
836 Sugar storage: bulk
831 Sugar storage: packaged
717 Sugar syrup refining
742 Suit mfg
746 Suitcase mfg
677 Sulfur mining: natural
677 Sulfur ore mining
761 Sulfur ore processing
761 Sulfur processing: natural
755 Sulfate, sulfite pulp mfg
412 Summer cottage: 1 family
415 Summer cottage: 2 family
181 Summer stock theater
132 Sunday school
511 Supermarket over 10,000 sq ft
512 Supermarket under 10,000 sq ft
162 Supper club
593 Surgeons office
791 Surgical supply mfg
521 Surplus store
594 Surveyors office
742 Suspender mfg
913 Swimming pool construction
116 Swimming pool or equipment
954 Switch control equipment railroad
776 Switch mfg: elec
776 Switchboard mfg: telephone
775 Switchgear mfg: elec
952 Switchyard
773 Sword mfg
131 Synagogue
761 Synthetic dye mfg
761 Synthetic fertilizer mfg
734 Synthetic fiber carding
735 Synthetic fiber finishing
764 Synthetic fiber mfg
823 Synthetic fiber storage: bales, bags
734 Synthetic fiber: part process mill
763 Synthetic resin mfg
763 Synthetic rubber mfg
747 Synthetic rubber product mfg
683 Syphon glass mfg
724 Syrup mfg: flavoring

754 Table mfg: any material
726 Table oil mfg
743 Tablecloth mfg

794 Tableware mfg: metal or stone
756 Tabulating machine card mfg
776 Tabulating machine mfg
799 Tag mfg
524 Tailor shop
742 Tailor-made clothing mfg
675 Talc mining, quarrying
688 Talc works
726 Tallow oil refining
841 Tank storage: flammable or combustible liquids
842 Tank storage; gas
843 Tank storage: LP-gas
745 Tannery: fur, skin, pelt, hide
744 Tannery: leather
761 Tanning extract mfg
732 Tape mfg: woven cotton
734 Tape mfg: woven mixed fibers
776 Tape recorder mfg
726 Taper mfg, candles
163 Taproom
768 Tar coated paper mfg
767 Tar distillation
743 Tarpaulin mfg
Tavern w/sleeping (see 441-446)
163 Tavern w/o sleeping accommodations
784 Taxicab mfg, assembly
883 Taxicab parking garage
973 Taxiway
752 Tea chest mfg
655 Tea growing
719 Tea leaf processing
776 Teapot mfg: metal, w/heating element
773 Teapot mfg: metal, w/o heating element
774 Teasel rod mfg for textile machine
231 Technical school
791 Teeth mfg: artificial, false
776 Telegraph apparatus mfg
751 Telegraph pole mfg
776 Telephone apparatus mfg
927 Telephone booth: outdoor
634 Telephone exchange
913 Telephone line construction
776 Teleprinter mfg
792 Telescope mfg
548 Telescope sales
776 Teletype machine mfg
754 Televisicn cabinet mfg: wood
776 Television mfg
538 Television repairs w/o sales
532 Television sales
131 Temple
583 Ten cent store over 10,000 sq ft
582 Ten cent store under 10,000 sq ft
424 Tenement over 20 units
421 Tenement: 1-2 units, w/business
422 Tenement: 3-6 units
423 Tenement: 7-20 units
142 Tennis club
981 Tennis court construction
743 Tent mfg
492 Tent: residential
552 Tent sales
816 Terminal grain elevator
173 Terminal: bus, limousine
894 Terminal: freight
177 Terminal: marine
175 Terminal: subway
894 Terminal: warehouse
171 Terminal: airport passenger
176 Terminal: elevated railroad
174 Terminal: street level railroad
771 Terneplate mfg
681 Terra cotta mfg
784 Test cell: engine
735 Textile finishing
774 Textile mchry mfg
826 Textile product storage
526 Textile store
826 Textile storage
181 Theater: combined use
184 Theater: drive-in
181 Theater: legitimate
183 Theater: motion picture
776 Therapeutic apparatus mfg
776 Thermistor mfg
776 Thermostat mfg
865 Thinner storage
732 Thread mill: cotton
734 Thread mill: mixed other fibers
733 Thread mill: wool or worsted
739 Thread reworking mill
774 Thresher mfg, incl selfpropelled
123 Ticket office: sporting events
758 Ticket printing
941 Tidal waters
522 Tile store
738 Tile mfg: asphalt, vinyl, linoleum
747 Tile mfg: rubber floor
681 Title plant: clay products
662 Timber hewing, rough shaping
661 Timber planting, replanting
661 Timber standing
856 Timber stge not in forest
662 Timber: yard storage
793 Time lock mfg
793 Time recorder mfg
776 Time switch mfg: elec
793 Timer mfg
773 Tin can mfg
673 Tin mine, quarry
772 Tin products mfg
772 Tin refining, smelting
773 Tin stamping, cold pressing
772 Tin wire drawing
773 Tinware mfg
747 Tire mfg
747 Tire recapping, repair
877 Tire salvage
867 Tire storage

575 Tire store
773 Titanium hollow ware mfg
772 Titanium refining, smelting
773 Titanium stamping
772 Titanium wire drawing
776 Toaster mfg, domestic
656 Tobacco curing, drying shed
655 Tobacco growing
656 Tobacco preparing
724 Tobacco products mfg
838 Tobacco products storage
542 Tobacco shop
725 Tobacco stemming
814 Tobacco storage: loose or baled
717 Toffee mfg
799 Toilet brush mfg
756 Toilet paper mfg
766 Toiletries mfg
924 Tool station
766 Toners mfg
774 Tool holder mfg: metal
774 Tool mfg
791 Tool mfg: engineers
776 Tool mfg: flexible shaft, portable
773 Tool mfg: hand
776 Tool mfg: power
808 Tool shed
873 Tool storage
799 Toothbrush mfg
766 Toothpaste mfg
766 Tooth powder mfg
573 Top shop: motor vehicle
773 Torpedo case mfg
431 Tourist home: 4-8 roomers
432 Tourist home: 9-15 roomers
Tourist home: over 15 persons (see 441-446)
743 Towel mfg
591 Town hall
591 Town office building
798 Toy mfg: nonrubber
747 Toy mfg: rubber
551 Toy store
774 Tractor mfg
574 Tractor sales
757 Trade journal publishing
231 Trade school
562 Trade supply sales
776 Traffic signaling apparatus mfg
574 Trailer sales
784 Trailer mfg assembly
642 Transformer
775 Transformer mfg
642 Transformer vault
776 Transistor mfg
774 Transmission chain mfg
644 Transmission line: gas
645 Transmission line: oil
784 Transmission mfg: motor vehicle
776 Transmitter mfg
632 Transmitter site: radar
632 Transmitter site: radio, TV
632 Transmitter site: tracking station
663 Trapping
411 Travel trailer: permanent family unit
664 Tree
662 Tree felling, rough cutting
921 Trestle
785 Tricycle mfg
887 Trolley car storage
784 Troop carrier mfg, assembly
742 Trouser mfg
575 Truck accessory store
894 Truck freight terminal
784 Truck mfg, assembly
883 Truck parking area
574 Truck sales
791 Truss mfg
752 Tub mfg: wood
682 Tube, electronic glass envelope mfg
773 Tube mfg: collapsible
776 Tube mfg: elec vacuum
771 Tube mfg: flexible, iron or steel
682 Tube mfg: glass
747 Tube mfg: rubber inner
764 Tube mfg: plastic
747 Tube mfg: rubber
922 Tunnel
913 Tunnel construction
781 Turbine mfg, repair: marine
775 Turn indicator mfg: vehicle
765 Turpentine refinery
185 TV studio
632 TV transmitting site
776 TV tube mfg
682 TV tube glass envelope mfg
737 Twine plant
773 Type foundry
774 Typesetting machine mfg
757 Typesetting: newspaper
776 Typewriter mfg: elec, manual
538 Typewriter repair w/o sales
799 Typewriter ribbon mfg
531 Typewriter sales w/repair

794 US mint
742 Umbrella mfg
522 Umbrella store
965 Uncovered parking area
925 Underground shelter
742 Underwear mfg
742 Uniform mfg
241 University classroom buildiny
461 University dormitory
915 Unoccupied bldg
964 Unpaved street, road, path
754 Upholstering plant
763 Upholstery fill mfg: plastic
739 Upholstery fill mfg: textile
751 Upholstery fill mfg: wood

531 Upholstery store
744 Upper shoe leather tanning
531 Used furniture sales
642 Utility pole

915 Vacant bldg
936 Vacant lot
776 Vacuum cleaner mfg: elec
683 Vacuum flask glass mfg
776 Valve mfg: elec
774 Valve mfg: mechanical
583 Variety store over 10,000 sq ft
582 Variety store under 10,000 sq ft
765 Varnish mfg
865 Varnish storage
752 Vat mfg
773 Vault door mfg
642 Vault: electrical
636 Vault: records
642 Vault: transformer
713 Vegetable canning
713 Vegetable dehydrating, quick-freezing
719 Vegetable dye mfg
655 Vegetable growing
713 Vegetable juices packing
726 Vegetable oil refinery
713 Vegetable packing
657 Vegetable packing as picked
787 Vehicle mfg: animal or hand drawn
784 Vehicle mfg, assembly
732 Veil, veiling mfg: cotton
734 Veil, veiling mfg: mixed fibers
733 Veil, veiling mfg: wool
751 Veneer mfg
774 Ventilating mchry mfg
716 Vermicelli mfg
742 Vestment mfg
766 Veterinar) chemicals mfg
556 Veterinary service
913 Viaduct construction
773 Vise mfg: metal
713 Vinegar mfg
733 Virgin wool working
346 Vocational rehabilitation center
231 Vocational school

739 Wadding mfg: all fibers
787 Wagon mfg: horse drawn
742 Walking stick mfg
535 Wall covering sales
773 Wall mfg: metal
756 Wall paper mfg inrcl printing
535 Wall paper store
891 Warehouse: general storage
773 Washer mfg: metal
774 Washing machine mfg: non-electric
532 Washing machine sales
776 Washing mchry mfg: elec
739 Waste batting mill
877 Waste paper reclaiming
755 Waste paper sorting
855 Waste paper stge
747 Waste rubber processing
733 Waste wool recovery
793 Watch mfg
544 Watch repair shop
544 Watch sales
793 Watchcase mfg
Water areas (see 941-949)
981 Water main construction
913 Water power project
647 Water reservoir
647 Water tank
647 Water treatment plant
647 Water works
742 Waterproof outerwear mfg
981 Waterway construction
767 Wax mfg: paraffin
765 Wax products mfg
736 Wearing apparel mfg: knitted
742 Wearing apparel mfg: not knitted
521 Wearing apparel sale, rental
826 Wearing apparel storage
925 Weather shelter
774 Weaving machine mfg: textile
732 Weaving mill: cotton
734 Weaving mill: mixed, other fibers
733 Weaving mill: wool or worsted
732 Webbing mfg: cotton
734 Webbing mfg: mixed, other fibers
733 Webbing mfg: wool or worsted
761 Weed killer mfg
774 Weighing machine mfg
774 Welding electrode mfg
775 Welding mchry mfg: elec
774 Welding mchry mfg: nonelec
774 Welding rod mfg
773 Welding shop
562 Welding supply sales
981 Well construction: water
674 Well: oil, gas
726 Whale oil refining
898 Wharf
715 Wheat milling, preparation
787 Wheel chair mfg
785 Wheel mfg: cycle
784 Wheel mfg: motor vehicle
787 Wheelbarrow mfg
746 Whip mfg: leather
721 Whiskey distillery
846 Whiskey storage
765 White lead paste mfg
799 Wig mfg
525 Wig sales
661 Wildrife preserve
752 Willow product mfg
775 Winch mfg: elec
774 Winch mfg: nonelec
795 Wind instrument rnfg
774 Winding machine mfg: textile

682 Window glass mfg
751 Window mfg: wood
773 Window sash mfg: metal
751 Window sash mfg: wood
754 Window shade plant
535 Window shade store
567 Window washing firm
722 Wine mfg
766 Wine mfg: medicated
846 Wine storage
722 Winery
412 Winter cottage: 1 family
415 Winter cottage: 2 family
784 Wiper mfg: motor vehicle
771 Wire drawing: ferrous
774 Wire drawing machine mfg
772 Wire drawing: nonferrous
773 Wire gauze mfg
754 Wire mattress mfg
773 Wire mfg exc drawing
775 Wire mfg: insulated electric
773 Wire nail mfg
773 Wire net mfg
773 Wire products mfg
774 Wire rope making mchry mfg
775 Wiring harness mfg: vehicle
342 Women detention home
753 Wood block mfg
782 Wood boat mfg
753 Wood bowling pin mfg
751 Wood building products mfg
753 Wood carving mfg
666 Wood chip pile
752 Wood container mfg
751 Wood door mfg
751 Wood fiber product plant
751 Wood flooring mfg
751 Wood flour mfg
856 Wood fuel stge not in forest
753 Wood heel mfg
753 Wood last mfg
662 Wood logs for fuel storage
795 Wood musical instrument mfg
751 Wood preserving plant
753 Wood products mfg
852 Wood products storage
853 Wood pulp stge
753 Wood rack mfg
751 Wood roofing mfg
753 Wood saddlery mfg
751 Wood sawing, planing
751 Wood sleeper mfg
753 Wood sole mfg
765 Wood stain mfg
753 Wood toy mfg
751 Wood treating plant
752 Wood tube mfg
758 Woodcuts mfg
661 Woodland maintenance
753 Woodware mfg
751 Woodwork mfg
753 Woodworking off building site
751 Woodworking on building site
733 Wool blending, cleaning, combing
735 Wool finishing
726 Wool grease refining
742 Wool hat mfg
733 Wool mill
654 Wool production
733 Wool recovery
733 Wool reworking mill
733 Wool scouring plant
733 Wool sorting plant
733 Wool spinning, carding
822 Wool storage; bales, bags
744 Work holder mfg: metal
464 Workers barracks
733 Worsted spinning
733 Worsted yarn spinning, doubling, winding
735 Worsted finishing
755 Wrapping paper mfg
773 Wrench mfg
765 Writing ink mfg
756 Writing pad mfg incl blank books
755 Writing paper mfg
771 Wrought iron works

776 X-ray apparatus mfg
868 X-ray film storage
776 X-ray machine mfg

141 Y.M.C.A./Y.W.C.A. no sleeping
Y.M.C.A. w/sleeping (see 441-446)
Y.W.C.A. w/sleeping (see 441-446)
143 Yachting club
88S Yachting club mooring, launching facility
825 Yard goods storage
526 Yard goods store
732 Yarn mfg: cotton
734 Yarn mfg: mixed, other fibers
733 Yarn Mfg: wool or worsted
732 Yarn mill: cotton
734 Yarn mill: mixed, other fibers
733 Yarn mill: wool or worsted
739 Yarn reworking mill
526 Yarn shop
825 Yarn storage
719 Yeast mfg

773 Zinc hollow ware mfg
673 Zinc mine, quarry
773 Zinc nail mfg
772 Zinc refining, smelting
773 Zinc stamping, cold pressing
772 Zinc wire drawing
815 Zoo shelter for animals

IGNITION FACTOR

1- Incendiary
11 Incendiary, not during civil disturbance.
12 Incendiary, during civil disturbance.

2- Suspicious
21 Suspicious, not during civil disturbance.
22 Suspicious, during civil disturbance.

3- Misuse Of Heat Of Ignition
31 Abandoned, discarded material.
32 Thawing.
33 Falling asleep.
34 Inadequate control of open fire.
35 Cutting, welding too close to.
36 Children with, children playing.
37 Unconscious; mental, physical impairment; drug, alcohol stupor.
39 Misuse of Heat of Ignition not classified above.
30 Misuse of Heat of Ignition; insufficient information available to classify further

4- Misuse Of Material Ignited
41 Fuel spilled, released accidentally.
42 Improper fueling technique.
43 Flammable liquid used to kindle fire.
44 Washing part, cleaning, refinishing, painting.
45 Improper container.
46 Combustible too close to heat.
47 Improper storage.
48 Children with, child playing.
49 Misuse of Material ignited not classified above.
40 Misuse of Material ignited; insufficient information available to classify further.

5- Mechanical Failure, Malfunction
51 Part failure, leak, break.
52 Automatic control failure.
53 Manual control failure.
54 Short circuit, ground fault.
55 Other electrical failure.
56 Lack of maintenance, worn out.
57 Backfire.
59 Mechanical Failure, Malfunction not classified above.
50 Mechanical Failure, Malfunction; insufficient information available to classify further.

6- Design, Construction, Installation Deficiency
61 Design deficiency.
62 Construction deficiency.
63 Installed too close to combustibles.
64 Other installation deficiency.
65 Property too close to.
69 Design, Construction, Installation deficiency not classified above.
60 Design, Construction, Installation deficiency; insufficient information available to classify further.

7- Operational Deficiency
71 Collision, overturn, knockdown.
72 Accidentally turned on, not turned off.
73 Unattended.
74 Overloaded.
75 Spontaneous heating.
76 Improper startup, shutdown procedures.
79 Operational Deficiency not classified above.
70 Operational Deficiency; insufficient information available to classify further.

8- Natural Condition
81 High wind.
82 Earthquake.
83 High water, including floods.
84 Lightning.
89 Natural Condition not classified above.
80 Natural Condition; insufficient information available to classify further.

9- Other Ignition Factor
91 Animal.
92 Rekindled from a previous fire.
99 Other Ignition Factor not classified above.
00 Ignition Factor undetermined or not reported.

METHOD OF ALARM FROM PUBLIC

1 Telephone direct to fire department.
2 Coded signal municipal fire alarm system.
3 Private fire alarm system.
4 Radio.
5 Direct report to a fire station (verbal).
6 No alarm received no response.
7 Telephone tie-line to fire department.
8 Voice signal municipal fire alarm center.
9 Method of Alarm from the Public not classified above.
0 Method of Alarm from the Public undetermined or not reported.

COMPLEX

11 Public recreation complex.
12 Stadium, exhibition hall complex.
14 Club complex.
20 Educational complex.
33 Medical care complex.
34 Prison complex.
40 Business with residential complex.
41 Dwelling complex (one-and two-family).
42 Apartment complex.
44 Hotel complex.
47 Mobile home park complex.
58 Shopping complex.
59 Office complex.
61 Power production complex.
63 Military reservation, defense complex.
65 Farm complex.
66 Indian reservation complex.
70 Industrial plant, manufacturing complex.
80 Warehouse, storage complex.
91 Construction complex.
93 Campsite complex.
94 Waterfront complex.
95 Railroad transport complex.
96 Road complex.
97 Airport complex.
98 No complex.
99 Other complex.

MOBILE PROPERTY TYPE

1- Passenger Road Transport Vehicles
11 Automobile.
12 Bus, trackless trolley.
13 All terrain vehicles.
14 Motor home.
15 Travel trailer.
16 Camping trailer.
17 Mobile home, mobile building.
19 Passenger Road Transport Vehicles not classified above.
10 Passenger Road Transport Vehicles; insufficient information available to classify further.

2- Freight Road Transport Vehicles
21 General use trucks over one ton net weight. Included are solid chassis trucks.
22 General use small trucks under one ton weight.
23 Semi-trailer truck with or without tractor.
24 Tank truck for nonflammable cargo.
25 Tank truck for flammable or combustible liquid, chemical.
26 Tank Truck for compressed gas or LP-Gas.
27 Trash truck.
29 Freight Road Transport Vehicles not classified above.
20 Freight Road Transport Vehicles; insufficient information available to classify further.

3- Rail Transport Vehicles
31 Passenger, diner car.
32 Freight, box, hopper car.
33 Tank car.
34 Container, piggy back car.
35 Locomotive, engine.
36 Self-powered car.
37 Maintenance equipment, car.
39 Rail Transport Vehicle not classified above.
30 Rail Transport Vehicle; insufficient information available to classify further.

4- Water Transport Vessels
41 Motor craft (under 65 feet length overall).
42 Vessel (under 1,000 gross tons).
43 Passenger ship.
44 Tank ship.
45 Combat ship.
46 Cargo ship.
47 Non self-propelled vessel.
48 Commercial fishing vessel.
49 Water Transport Vessels not classified above. Included are sailboats without auxiliary power.
40 Water Transport Vessels; insufficient information available to classify further.

5- Air Transport Vehicles
51 Personal, business, utility aircraft under 12,500 lbs. gross weight.
52 Personal, business, utility aircraft 12,500 lbs. gross weight and over.
53 Commercial Transport Aircraft, Reciprocating engine powered, fixed wing.
54 Commercial transport aircraft, jet and other turbine powered, fixed wing.
55 Nonmilitary helicopters, vertical take-off aircraft.
56 Combat type military aircraft (attack bombers, fighters, patrol).
57 Noncombat type military aircraft (cargo, training, utility, reconnaissance).
58 Nonmilitary ground effect machines (hovercraft).
59 Air Transport Vehicles not classified above. Included are gliders and kites.
50 Air Transport Vehicles; insufficient information available to classify further.

6- Heavy Equipment
61 Earth moving equipment.
62 Construction equipment.
63 Materials handling equipment.
64 Crane.
65 Tractor, harvester, picker.
66 Drilling rig for petroleum and gas only.
67 Armored equipment.
68 Manned, unmanned space vehicle.
69 Heavy Equipment not classified above.
60 Heavy Equipment; insufficient information available to classify further.

7- Special Vehicles
71 Garden equipment.
79 Special Vehicles not classified above.
70 Special Vehicles; insufficient information available to classify further.

9- Other Mobile Property Types
99 Mobile Property Type not classified above.
08 Mobile Property Type not applicable.
00 Mobile Property Type undetermined or not reported

AREA OF FIRE ORIGIN

0- Means Of Egress
01 Hallway, corridor, mall.
02 Exterior stairway.
03 Interior stairway.
04 Escalator.
05 Lobby, entrance way.
09 Means of Egress not classified above.

1- Assembly, Sales Areas (Groups Of People)
11 Large assembly area with fixed seats (100 or more persons).
12 Large open room without fixed seats (100 or more persons).
13 Small assembly area with or without fixed seats (less than 100 persons).
14 Lounge area., living room
15 Sales, showroom area.
16 Library.
17 Swimming pool.
19 Assembly, Sales Areas not classified above.

2- Function Areas
21 Sleeping room for under 5 persons.
22 Sleeping area for 5 or more persons.
23 Dining area, lunchroom, cafeteria.
24 Kitchen, cooking area.
25 Lavatory, locker room, cloakroom.
26 Laundry room, area.
27 Office.
28 Personal service area.

3- Function Areas
31 Laboratory.
32 Printing or photographic room, area.
33 First aid, treatment room.
34 Operating room.
35 Electronic equipment room, area.
36 Performance, stage area.
37 Projection room, area.
38 Process, manufacturing area.
39 Function Areas not classified above.

4- Storage Areas
41 Product storage room or area, storage tank, storage bin.
42 Closet.
43 Supply storage room or area, cellar.
44 Records storage room, vault.
45 Shipping, receiving, loading area.
46 Trash or rubbish area, container.
47 Garage, carport, vehicle storage area.
49 Storage Areas not classified above.

5- Service Facilities
51 Elevator, dumb-waiter.
52 Utility shaft.
53 Light shaft.
54 Chute.
55 Duct.
56 Display window.
57 Chimney.
58 Conveyor.
59 Service Facilities not classified above.

6- Service, Equipment Areas
61 Machinery room, area.
62 Heating equipment room or area, water heater area.
63 Switchgear area, transformer vault.
64 Incinerator room, area.
65 Maintenance shop, area.
66 Test cell.
67 Enclosure with pressurized air.
68 Enclosure with enriched oxygen atmosphere.
69 Service, Equipment Areas not classified above.

7- Structural Areas
71 Crawl space, substructure space.
72 Exterior balcony, open porch.
73 Ceiling and floor assembly, concealed floor/ceiling space.
74 Ceiling and roof assembly, concealed roof/ceiling space.
75 Wall assembly, concealed wall space.
76 Exterior wall surface.
77 Exterior roof surface.
78 Awning.
79 Structural Areas not classified above.

8- Transportation, Vehicle Areas
81 Passenger area of trans. eq.
82 Trunk, load carrying area of trans. eq.
83 Engine area, running gear, wheel area of trans. eq.
84 Fuel tank, fuel line area of trans. eq.
85 Operating, control area of trans. eq.
86 Exterior exposed surface of trans. eq.
89 Transportation, Vehicle Areas not classified above.

9- Other Area Of Origin
91 On or near railroad right of way, embankment.
92 On or near highway, public way, street.
93 Court, terrace, patio.
94 Lawn, field, open area.
95 Wildland area, woods.
97 Multiple location, use area.
98 Area of Origin not applicable.
99 Other Area of Origin not classified above.
00 Area of Origin undetermined or not reported.

EQUIPMENT INVOLVED IN IGNITION

1- Heating Systems
11 Central heating unit.
12 Water heater.
13 Fixed, stationary local heating unit, local wood stove.
14 Indoor fireplace.
15 Portable local heating unit, space heater.
16 Chimney, gas vent flue.
17 Chimney connector, vent connector (connects firebox to chimney).
18 Heat transfer system.
19 Heating systems not classified above.
10 Heating Systems; insufficient information available to classify further.

2- Cooking Equipment
21 Fixed, stationary surface unit.
22 Fixed, stationary oven.
23 Fixed, stationary food warming appliance.
24 Deep fat fryer.
25 Portable cooking, warming unit.
26 Open fired grill.
27 Grease hood, duct.
29 Cooking Equipment not classified above.
20 Cooking Equipment; insufficient information available to classify further.

3- Air Conditioning, Refrigeration Equipment
31 Central air conditioning, refrigeration equipment.
32 Water cooling device, tower.
33 Fixed, stationary local refrigerator unit.
34 Fixed, stationary local air conditioning unit.
35 Portable air conditioning, refrigeration unit. Included are dehumidifiers.
39 Air Conditioning, Refrigeration Equipment not classified above.
30 Air Conditioning, Refrigeration Equipment; insufficient information available to classify further.

4- Electrical Distribution Equipment
41 Fixed wiring.
42 Transformer, associated overcurrent or disconnect equipment.
43 Meter, meter box.
44 Power switch gear, overcurrent protection devices.
45 Switch, receptacle, outlet.
46 Lighting fixture, lampholder, ballast, sign.
47 Cord, plug.
48 Lamp, light bulb.
49 Electrical Distribution Equipment not classified above.
40 Electrical Distribution Equipment; insufficient information available to classify further.

5- Appliances, Equipment (Other Than Elsewhere Classified In This Chapter)
51 Television, radio, phonograph.
52 Dryer.
53 Washing machine.
54 Floor care equipment.
55 Separate motor, generator.
56 Hand tools.
57 Portable appliance designed to produce controlled heat (Use code 15 for portable heater, codes in the 20's for portable cooking equipment.)
58 Portable appliance designed not to produce heat (not classified above).
59 Appliances, Equipment not classified in 51 through 58.
50 Appliances, Equipment; insufficient information available to classify further.

6- Special Equipment
61 Electronic equipment.
62 Vending machine, drinking fountain.
63 Office machine.
64 Biomedical equipment, device.
65 Separate pump, compressor.
66 Internal combustion engine.
67 Conveyor.
68 Printing press.
69 Special Equipment not classified above.
60 Special Equipment; insufficient information available to classify further.

7- Processing Equipment
71 Furnace, oven, kiln. (Use code 11 for central heat)
72 Casting, molding, forging equipment.
73 Heat treating equipment.
74 Working, shaping machine.
75 Coating machine.
76 Painting equipment.
77 Chemical process equipment.
78 Waste recovery equipment.
79 Processing Equipment not classified above.
70 Processing Equipment; insufficient information available to classify further.

8- Service, Maintenance Equipment
81 Incinerator.
82 Bearing, brake.
83 Rectifier, charger.
84 Tarpot, tar kettle.
85 Arc, oil lamp.
86 Elevator.
87 Torches.

89 Service, Maintenance Equipment not classified above.
80 Service, Maintenance Equipment; insufficient information available to classify further.

9- Other Object
96 Vehicle.
98 No equipment involved.
99 Other Object, not classified above.
90 Other Object; insufficient information available to classify further.
00 Equipment Involved in Ignition undetermined.

FORM OF HEAT OF IGNITION

1- Heat From Fuel-Fired, Fuel-Powered Object

11 Spark, ember, flame escaping from gas fueled equipment.
12 Heat from gas fueled equipment.
13 Spark, ember, flame escaping from liquid fueled equipment.
14 Heat from liquid fueled equipment.
15 Spark, ember, flame escaping from solid fueled equipment.
16 Heat from solid fueled equipment.
17 Spark, ember, flame escaping from equipment; fuel not known.
18 Heat from equipment; fuel not known.
19 Heat from Fuel-Fired, Fuel-Powered Object not classified above.
10 Heat from Fuel-Fired, Fuel-Powered Object; insufficient information available to classify further.

2- Heat From Electrical Equipment Arcing, Overloaded

21 Water caused short circuit arc.
22 Short circuit arc from mechanical damage.
23 Short circuit arc from defective, worn insulation.
24 Unspecified short circuit arc.
25 Arc from faulty contact, loose connection, broken conductor.
26 Arc, spark from operating eq. or switch.
27 Heat from overloaded equipment.
28 Fluorescent light ballast.
29 Heat from Electrical Equipment Arcing, Overloaded not classified above.
20 Heat from Electrical Equipment Arcing, Overloaded; insufficient information available to classify further.

3- Heat From Smoking Material

31 Cigarette.
32 Cigar.
33 Pipe.
39 Heat from Smoking Material not classified above.
30 Heat from Smoking Material; insufficient information available to classify further.

4- Heat From Open Flame, Spark

41 Cutting torch operation (separating metals).
42 Welding torch operation (joining metals).
43 Torch operation, other than cutting and welding.
44 Candle, taper.
45 Match.
46 Lighter (flame type).
47 Open fire.
48 Backfire from internal combustion engine.
49 Heat from Open Flame, Spark; not classified above.
40 Heat from Open Flame, Spark; insufficient information available to classify further.

5- Heat From Hot Object

51 Heat, spark from friction.
52 Molten, hot material.
53 Hot ember, ash.
54 Electric lamp.
55 Rekindle, reignition.
56 Heat from properly operating electrical eq.
57 Heat from improperly operating electrical equipment.
59 Heat from Hot Object not classified above.
50 Heat from Hot Object; insufficient information available to classify further.

6- Heat From Explosive, Fireworks

61 Explosive.
62 Blasting agent.
63 Fireworks.
64 Paper cap, party popper.
65 Model rocket, not amateur rocketry.
66 Incendiary device.
69 Heat from Explosive, Fireworks not classified above.
60 Heat from Explosive, Fireworks; insufficient information available to classify further.

7- Heat From Natural Source

71 Sun's heat.
72 Spontaneous ignition, chemical reaction.
73 Lightning discharge.
74 Static discharge.
79 Heat from Natural Source not classified.
70 Heat from Natural Source; insufficient information available to classify further.

8- Heat Spreading From Another Hostile Fire (Exposure)

81 Heat from direct flame, convection currents.
82 Radiated heat.
83 Heat from flying brand, ember, spark.
84 Conducted heat.
89 Heat Spreading from Another Hostile Fire not classified above.
80 Heat Spreading from Another Hostile Fire; insufficient information available to classify further.

9- Other Form Of Heat Of Ignition

97 Multiple forms of heat of ignition.
99 Other Form of Heat of Ignition not classified above.
00 Form of Heat of Ignition undetermined or not reported.

FORM OF MATERIAL IGNITED/GENERATING MOST SMOKE

1- Structural Component, Finish
11 Exterior roof covering, surface, finish.
12 Exterior sidewall covering, surface, finish.
13 Exterior trim, appurtenances.
14 Floor covering, surface.
15 Interior wall covering, surface items permanently affixed to wall and door surface.
16 Ceiling covering, surface.
17 Structural member, framing.
18 Thermal, acoustical insulation within wall, partition, or floor/ceiling space.
19 Structural Component, Finish not classified above.
10 Structural Component, Finish; insufficient information available to classify further.

2- Furniture
21 Upholstered sofa, chair, vehicle seats.
22 Nonupholstered chair, bench.
23 Cabinetry.
24 Ironing board.
25 Appliance housing or casing.
29 Furniture not classified above.
20 Furniture; insufficient information available to classify further.

3- Soft Goods, Wearing Apparel
31 Mattress, pillow.
32 Bedding, blanket, sheet, comforter.
33 Linen, other than bedding.
34 Wearing apparel not on a person.
35 Wearing apparel on a person.
36 Curtain, blind, drapery, tapestry.
37 Goods not made up.
38 Luggage.
39 Soft Goods, Wearing Apparel not classified above.
30 Soft Goods, Wearing Apparel; insufficient information available to classify further.

4- Adornment, Recreational Material
41 Christmas tree.
42 Decoration for special event.
43 Book.
44 Magazine, newspaper, writing paper.
45 Toy, game.
46 Awning, canopy.
47 Tarpaulin, tent.
49 Adornment, Recreational Material not classified above.
40 Adornment, Recreational Material; insufficient information available to classify

5- Supplies, Stock
51 Box, carton, bag.
52 Basket, barrel.
53 Pallet, skid (not in use).
54 Rope, cord, twine, yarn.
55 Packing, wrapping material.
56 Bale storage.
57 Bulk storage.
58 Cleaning supplies.
59 Supplies, Stock not classified above.
50 Supplies, Stock; insufficient information available to classify further.

6- Power Transfer Equipment, Fuel
61 Electrical wire, cable insulation.
62 Transformer.
63 Conveyor belt, drive belt, V-belt.
64 Tire.
65 Fuel.
69 Power Transfer Equipment, Fuel not classified above.
60 Power Transfer Equipment, Fuel; insufficient information available to classify further.

7- General Form
71 Agricultural product.
72 Fence, pole.
73 Fertilizer.
74 Growing, living form.
75 Rubbish, trash, waste.
76 Cooking materials.
77 Sign.

8- Special Form
81 Dust, fiber, lint.
82 Pyrotechnics, explosives.
83 Atomized, vaporized liquid.
84 Chips.
85 Palletized material, material stored on pallets.
86 Gas or liquid in or from pipe or container.
87 Rolled material.
88 Adhesive.

9- Other Form Of Material
97 Multiple forms of material first ignited.
98 Form of Material not applicable.
99 Form of Material not classified above.
00 Form of Material undetermined or not reported.

TYPE OF MATERIAL IGNITED, GENERATING MOST SMOKE

1- Gas
11 Natural gas.
12 LP-City Gas (LP and air mix).
13 Manufactured gas.
14 LP-gas.
15 Anesthetic gas.
16 Acetylene.
17 Specialty gas other than anesthetic.
19 Gas not classified above.
10 Gas; insufficient information available to classify further.

2- Flammable, Combustible Liquid
21 Class IA flammable liquid.
22 Class IB flammable liquid.
23 Gasoline.
24 Class IC flammable liquid.
25 Class II combustible liquid.
26 Class IIIA combustible liquid.
27 Class IIIB combustible liquid.
29 Flammable, Combustible Liquid not classified above.
20 Flammable, Combustible Liquid; insufficient information available to classify further.

3- Volatile Solid, Chemical
31 Fat, grease (food).
32 Grease (nonfood).
33 Polish.
34 Adhesive, resin, tar.
35 Applied paint, varnish.
36 Combustible metal.
37 Solid chemical (specify type).
38 Radioactive material.
39 Volatile Solid, Chemical not classified above.
30 Volatile Solid, Chemical; insufficient information available to classify further

4- Plastic
41 Polyurethane.
42 Polystyrene.
43 Polyvinyl.
44 Polyacrylic.
45 Polyester.
46 Polyolefin.
49 Plastic not classified above.
40 Plastic; insufficient information available to classify further.

5- Natural Product
51 Rubber.
52 Cork.
53 Leather.
54 Grass, leaves, hay, straw.
55 Grain, natural fiber (pre-process).
56 Coal, coke, briquettes, peat.
57 Food, starch.
58 Tobacco.
59 Natural Product not classified above.
50 Natural Product; insufficient information available to classify further.

6- Wood, Paper
61 Growing wood.
62 Felled but unsawn wood.
63 Sawn wood.
64 Wood shavings.
65 Hardboard, plywood.
66 Fiberboard (low density material), wood pulp.
67 Paper, untreated, uncoated.
68 Cardboard.
69 Wood, Paper not classified above.
60 Wood, Paper; insufficient information available to classify further.

7- Fabric, Textile, Fur
71 Man-made fabric, fiber, finished goods.
72 Cotton, rayon, cotton fabric, finished goods.
73 Wool, wool mixture fabric, finished goods.
74 Fur, silk, other fabric, finished goods.
75 Wig.
76 Human hair.
79 Fabric, Textile, Fur not classified above.
70 Fabric, Textile, Fur; insufficient information available to classify further.

8- Material Compounded With Oil
81 Linoleum.
82 Oil cloth.
83 Treated and/or coated paper.
84 Waterproof canvas.
85 Oily rags.
86 Asphalt treated material.
89 Material Compounded with Oil not classified above.
80 Material Compounded with Oil; insufficient information available to classify further.

9- Other Type Of Material
97 Multiple types of material first ignited.
99 Type of Material not classified above.
00 Type of Material undetermined or not reported

METHOD OF EXTINGUISHMENT

1 Self-extinguished.
2 Make-shift aids.
3 Portable extinguisher.
4 Automatic extinguishing system.
5 Preconnected hose line(s) with water carried in apparatus tanks.
6 Preconnected hose line(s) with water from hydrant, draft, standpipe.
7 Hand-laid hose line(s) with water from standpipe, hydrant, draft.
8 Master stream device(s) with or without hand line(s).
9 Method of Extinguishment, Control not classified above.
0 Method of Extinguishment, Control undetermined or not reported.

LEVEL OF FIRE ORIGIN

1 Grade level to 9 feet above grade.
2 10 to 19 feet above grade.
3 20 to 29 feet above grade.
4 30 to 49 feet above grade.
5 50 to 70 feet above grade.
6 Over 70 feet above grade.
7 Objects in flight.
8 Below ground level or water level.
9 Level of Origin not classified above.
0 Level of Origin undetermined or not reported.

NUMBER OF STORIES

(both below and above grade)

1 1 story.
2 2 stories
3 3 to 4 stories.
4 5 to 6 stories.
5 7 to 12 stories.
6 13 to 24 stories.
7 25 to 49 stories.
8 50 stories or more.
0 Number of Stories undetermined or not reported.

CONSTRUCTION TYPE

1 Fire resistive.
2 Heavy timber.
3 Protected noncombustible or limited combustible.
4 Unprotected noncombustible or limited combustible not qualifying for 3.
5 Protected ordinary.
6 Unprotected ordinary, not qualifying for 5.
7 Protected Wood Frame
8 Unprotected wood frame not qualifying for 7.
9 Not classified above
0 Undetermined or not reported

EXTENT OF FLAME DAMAGE

1 Confined to the object of origin.
2 Confined to part of room or area of origin.
3 Confined to room of origin.
4 Confined to fire-rated compartment of origin.
5 Confined to floor of origin.
6 Confined to structure of origin.
7 Extended beyond structure of origin.
8 Not a structure fire.
0 Extent of Flame Damage undetermined or not reported.

EXTENT OF SMOKE DAMAGE

1 Confined to the object of origin.
2 Confined to part of room or area of origin.
3 Confined to room of origin.
4 Confined to fire-rated compartment of origin.
5 Confined to floor of origin.
6 Confined to structure or origin.
7 Extended beyond structure of origin.
8 Not a structure fire.
9 No damage of this type.
0 Extent of Smoke Damage undetermined or not reported.

DETECTOR PERFORMANCE

1 Detector(s) in the room or space of fire origin, and they operated.
2 Detector(s) not in the room or space of fire origin, and they operated.
3 Detector(s) in the room or space of fire origin, and they did not operate.
4 Detector(s) not in the room or space of fire origin, and they did not operate.
5 Detector(s) in the room or space of fire origin, but fire too small to require them.
8 No detectors present.
9 Performance of Fire Detection Equipment not classified above.
0 Performance of Fire Detection Equipment undetermined or not reported.

SPRINKLER PERFORMANCE

1 Equipment operated.
2 Equipment should have operated but did not.
3 Equipment present but fire too small to require operation.
8 No equipment present in room or space of fire origin.
9 Performance of Automatic Sprinklers not classified above.
0 Performance of Automatic Sprinklers Undetermined.

AVENUE OF SMOKE TRAVEL

1 Air handling duct.
2 Corridor.
3 Elevator shaft.
4 Stairwell.
5 Opening in construction.
6 Utility opening in wall.
7 Utility opening in floor.
8 No significant avenue of smoke travel.
9 Most Significant Avenue of Smoke Travel not classified above.
0 Most Significant Avenue of Smoke Travel undetermined or not reported.

CIVILIAN CASUALTY CODES

CASUALTY TYPE

1 Fire casualty
2 Action casualty
3 EMS casualty

SEVERITY

1 Injury
2 Death

AFFILIATION

2 Other emergency personnel
3 Civilian

FAMILIARITY WITH STRUCTURE

1 Less than 1 day.
2 1 to 7 days.
3 8 to 30 days.
4 1 to 2 months.
5 3 to 6 months.
6 7 to 12 months.
7 Over 1 year.
8 Not a structure.
0 Familiarity with the Structure undetermined or not reported.

LOCATION AT IGNITION

1 Fire casualty intimately involved with ignition.
2 Fire casualty in the room or space of fire origin.
3 Fire casualty on same floor as origin of fire.
4 Fire casualty in same building as origin of fire.
5 Fire casualty outside of building of fire origin but on property.
6 Fire casualty off property of fire origin at time of ignition.
8 Not a fire casualty.
9 Location of Casualty at Time of Ignition not classified above.
0 Location of Casualty at Time of Ignition undetermined or not reported.

CONDITION BEFORE INJURY

1 Asleep.
2 Bedridden, other physical handicap.
3 Impaired by drugs, alcohol.
4 Under restraint.
5 Too young to act.
6 Too old to act.
7 Mentally handicapped, senile.
8 Awake, unimpaired.
9 Condition Before Injury not classified above.
0 Condition Before Injury undetermined or not reported.

CONDITION PREVENTING ESCAPE

1 No time to escape; explosion or fire progressed too rapidly.
2 Fire between casualty and exit.
3 Locked door.
4 Illegal gates, locks.
5 Clothing on casualty burning.
6 Moved too slowly. Included are failures to follow correct (available) escape procedures.
7 Victim incapacitated prior to ignition.
8 No conditions prevented escape or not a factor.
9 Condition Preventing Escape not classified above.
0 Condition Preventing Escape undetermined or not reported.

ACTIVITY AT TIME OF INJURY

1 Escaping.
2 Rescue attempt.
3 Fire control.
4 Response/return.
5 Cleanup, salvage, mop-up.
6 Sleeping.
7 Unable to act.
8 Irrational action.
9 Activity at Time of Injury not classified above.
0 Activity at Time of Injury undetermined or not reported.

CAUSE OF INJURY

1 Caught in, under, between; trapped by.
2 Exposed to fire products. Included are flame, heat, smoke, and gas.
3 Exposed to chemicals, radiation. Excluded are fire products (2).
4 Fell or stepped on, over, into.
5 Overexertion.
6 Rubbed by, contact with.
7 Struck by.
8 Not applicable.
9 Cause of Injury not classified above.
0 Cause of Injury undetermined or not reported.

NATURE OF INJURY

1 Burns and asphyxia/smoke.
2 Burns only.
3 Asphyxia/smoke only.
4 Wound, cut, bleeding.
5 Dislocation, fracture.
6 Complaint of pain. Included are heart attacks and strokes.
7 Shock.
8 Strain, Sprain.
9 Nature of Injury or Illness not classified above.
0 Nature of Injury or Illness undetermined or not reported.

PART OF BODY INJURED

1 Head, neck.
2 Body, trunk, back.
3 Arm.
4 Leg.
5 Hand.
6 Foot.
7 Internal. Included are respiratory system and heart.
8 Multiple parts.
9 Part of Body Injured not classified above.
0 Part of Body Injured undetermined or not reported.

DISPOSITION

1 Refused help.
2 Treated at scene and released.
3 Taken to hospital by fire department vehicle.
4 Taken to hospital by nonfire department vehicle.
5 Taken to other than hospital.
6 Died.
9 Disposition of Casualty not classified above.
0 Disposition of Casualty undetermined or not reported.

FIREFIGHTER CASUALTY CODES

TYPE OF CASUALTY

1 Fireground injury before F.D. arrival.
2 Fireground injury after F.D. arrival.
3 Injury during response to or return from incident.
4 Non-fire incident injury creating the alarm.
5 Non-fire incident injury after alarm.
6 Medical aid call, illness creating the alarm.
9 Type of Casualty not classified above.
0 Type of Casualty undetermined or not reported.

SEX

1 Male.
2 Female.

CASE SEVERITY

1 Minor - The patient is not in danger of death or permanent disability.
2 Moderate - There is little danger of death or permanent disability.
3 Severe - The situation is potentially life threatening.
4 Life Threatening - Death is imminent: body processes and vital signs are not nor
5 D.O.A. - Dead upon arrival at the scene.
6 Died subsequent to arrival.

PRIMARY APPARENT SYMPTOM

01 Abrasion.
02 Amputation.
03 Asphyxiation.
04 Avulsion (of eye).
31 Bleeding hemorrhaging.
05 Burn: chemical.
06 Burn: electric.
07 Burn: thermal.
08 Burn: scald.
09 Cancer
10 Cardiac arrest.
11 Cardiac symptoms.
05 Chemical burn.
12 Chills.
13 Contusion/bruise-minor trauma.
14 Convulsion/seizure unspecified.
15 Convulsions/seizure systemic.
16 Crushing.
35 Cut, lacerations.
17 Dehydration.
38 Delivery, obstetrics.
18 Diabetic coma.
19 Diabetic shock.
20 Difficulty breathing/shortness of breath.
21 Dislocation.
22 Disorientation.
23 Dizziness/fainting/weakness/heat exhaustion.
24 Drowning.
25 Drug overdose.
06 Electric burn.
49 Electric shock.
04 Eye (avulsion of) trauma, out of socket.
26 Fever.
27 Foreign body, obstruction.
28 Fracture: closed.
29 Fracture: open.
30 Frostbite.
46 Gunshot, projectile wound.
23 Heat exhaustion/dizziness/ fainting/weakness
31 Hemorrhaging, bleeding.
32 Hypersensitivity.
33 Impairment similar to that caused by alcohol.
34 Internal trauma (closed blunt).
35 Laceration, cut.
36 Mental disorder.
39 Abortion, miscarriage-obstetrics.
37 Nausea.
42 Numbness, tingling.
38 Obstetrics - delivery.
39 Obstetrics - miscarriage.
40 Pain only.
41 Paralysis.
42 Parasthesia, numbness, tingling.
43 Pneumonia.
44 Puncture/wound penetrating.
45 Poison not listed elsewhere.
46 Projectile wound-high velocity.
47 Respiratory arrest.
08 Scald.
48 Shock: anaphylactic.
49 Shock: electrical.
50 Sickness.
03 Smoke inhalation, asphyxiation.
51 Sprain, strain.
44 Stabbing, puncture wound.
52 Stroke (C.V.A.)
53 Swelling.
07 Thermal burn.
54 Unconscious.
55 Vomiting.
59 Other long-term illness.
98 No apparent symptom.
99 Apparent Symptom not classified above.
00 Apparent Symptom undetermined or not reported.

PRIMARY PART OF BODY

1 Head Area
11 Ear.
12 Eye.
13 Face.
14 Mouth - lips.
15 Mouth - interior.
16 Nose.
17 Nose lining.
18 Teeth.
19 Head Area not elsewhere classified.
10 Head Area; insufficient information to classify further.

2 Trunk
21 Neck.
22 Shoulder.
23 Back-upper, surface only - see 61 for spine.
24 Back-lower, surface only - see 61 for spine.
25 Chest.
26 Abdomen.
27 Buttocks.
28 Groin.
29 Trunk not elsewhere classified.
20 Trunk; insufficient information to classify further.

3 Arm/Hand
31 Arm-upper not including elbow (33) or shoulder (22).
32 Arm-lower not including elbow (33) or wrist (34).
33 Elbow.
34 Wrist.
35 Hand.
36 Fingers.
37 Thumb.
39 Arm/Hand not elsewhere classified.
30 Arm/Hand; insufficient information to classify further.

4 Leg/Foot
41 Leg-upper.
42 Leg-lower.
43 Knee.
44 Ankle.
45 Foot.
46 Toes.
49 Leg/Foot not elsewhere classified.
40 Leg/Foot; insufficient information to classify further.

5 Internal
51 Throat.
52 Trachea.
53 Lungs.
54 Heart.
55 Stomach.
56 Intestinal tract.
57 Genito-urinary.
58 Internal organ not otherwise specified.
59 Internal not elsewhere classified.
50 Internal; insufficient information to classify further.

6 Other Parts Of Body
61 Spine.
62 Pelvis.
63 Hip.

7 Multiple Parts Of Body
71 Multiple head parts.
72 Multiple trunk parts.
73 Multiple arm/hand parts.
74 Multiple leg/foot parts.
75 Multiple internal parts.
76 Multiple body parts-upper.
77 Multiple body parts-lower.
78 Multiple body parts-whole body.

9 Other
98 Part of body not applicable.
99 Part of Body not classified above.
00 Part of Body undetermined or not reported.

PATIENT TAKEN TO

1 Hospital, emergency room or general admission.
2 Doctor's office clinic.
3 Long-term care facility.
4 Morgue.
5 Funeral home.
6 Residence.
7 Not transported.
9 Patient Taken To not classified above.
0 Patient Taken To undetermined or not reported.

ASSIGNMENT

1 Fire suppression.
2 Emergency Medical Service (EMS).
3 Fire prevention/inspection.
4 Training.
5 Maintenance.
6 Fire alarm/communications.
7 Administrative.
9 Assignment not classified above.
0 Assignment undetermined or not reported.

NUMBER OF INCIDENT RESPONSES DURING PRIOR 24 HOURS

1 One.
2 Two.
3 Three.
4 Four.
5 Five.
6 Six to eight.
7 Nine to twelve.
8 Over twelve.
9 None.
0 Number of Incident Responses During Prior 24 Hours undetermined or not reported.

PHYSIAL CONDITION AT TIME OF INJURY

1 Rested.
2 Fatigued.
3 Impaired (drugs, alcohol).
4 Impaired (illness, medication).
9 Physical Condition at Time of Injury not classified above.
0 Physical Condition at Time of Injury undetermined or not reported.

STATUS OF INJURED PRIOR TO ALARM AT WHICH INJURY OCCURRED

1 Asleep.
2 Awake.
9 Status of Injured Prior to Alarm at which Injury Occurred not classified above.
0 Status of Injured Prior to Alarm at which Injury Occurred undetermined or not reported.

FIRE FIGHTER ACTIVITY

1 Riding Vehicle
11 Boarding fire apparatus, emergency vehicle.
12 Riding fire apparatus: standing.
13 Riding fire apparatus: sitting.
14 Riding fire apparatus: position unknown.
15 Riding other emergency vehicle.
16 Riding non-emergency vehicle.
17 Getting off fire apparatus, emergency vehicle.
18 Jumping from aircraft.
19 Riding Vehicle not classified above.
10 Riding Vehicle; insufficient information to classify further.

2 Driving/Operating Apparatus
21 Driving fire apparatus.
22 Tillering ladder truck.
23 Driving other emergency vehicle.
24 Flying aircraft.
25 Operating engine/pump.
26 Operating ladder truck, elevated platform.
27 Operating other apparatus/equipment.
29 Driving/Operating not classified above.
20 Driving/Operating; insufficient information to classify further.

3 Extinguishing Fire/Neutralizing Incident
31 Handling charged hose lines.
32 Using hand extinguishers.
33 Operating master stream device.
34 Using hand tools in extinguishment activity.
35 Removing power lines.
36 Removing flammable liquids/chemicals.
37 Shutting off utilities, gas lines, etc.
39 Extinguishing Fire/Neutralizing Incident not classified.
30 Extinguishing Fire/Neutralizing Incident; insufficient information to classify further.

4 Suppression Support
41 Forcible entry.
42 Ventilation with power tools.
43 Ventilation with hand tools.
44 Salvage.
45 Overhaul.
49 Suppression Support not classified.
40 Suppression Support; insufficient information to classify further.

5 Access/Egress
51 Carrying ground ladder.
52 Raising ground ladder.
53 Lowering ground ladder.
54 Climbing ladder.
55 Scaling.
56 Escaping fire/hazard.
59 Access/Egress not classified.
50 Access/Egress; insufficient information to classify further.

6 Rescue
61 Searching for fire victim.
62 Rescue of fire victim.
63 Rescue of non-fire victim.
64 Water rescue.
65 Providing emergency medical care.
66 Diving operations.
67 Extraction with power tools.
68 Extraction with hand tools.
69 Rescue not classified above.
60 Rescue; insufficient information to classify further.

7 Miscellaneous Incident Scene Activity
71 Directing traffic.
72 Catching hydrant.
73 Laying hose.
74 Moving tools or equipment around scene.
75 Picking up tools, equipment, hose on scene.
76 Setting up lighting. Included are portable generator operations.
77 Operating portable pump.
79 Miscellaneous Incident Scene Activity not classified above.
70 Miscellaneous Incident Scene Activity; insufficient information to classify further.

8 Station Activity
81 Moving about station, alarm sounding.
82 Moving about station, normal activity.
83 Station Maintenance.
84 Vehicle maintenance.
85 Equipment maintenance.
86 Physical fitness activity: supervised.
87 Physical fitness activity: unsupervised.
88 Training activity or drill.
89 Station Activity not classified above.
80 Station Activity; insufficient information to classify further.

9 Other Activity
91 Incident investigation: during incident.
92 Incident investigation: after incident.
93 Inspection activity.
94 Administrative work.
95 Communication work.
99 Activity at Time of Injury/Accident not classified above.
00 Activity at Time of Injury/Accident undetermined or not reported.

WHERE INJURY/ACCIDENT OCCURRED

1 Enroute/Returning
11 Enroute to emergency.
12 Returning from emergency.
13 Enroute to non-emergency: public assistance response.
14 Returning from non-emergency: public assistance response.
15 Enroute to non-emergency: other duty assignment.
19 Enroute Returning; insufficient information to classify further.

2 At Emergency Scene - Outside At Or Above Grade
21 Outside on ground level.
22 Outside above grade level.
23 On structure roof.
24 On ladder or in basket of aerial apparatus.
25 On ground ladder.
26 On wall or ledge.
27 On fire escape.
28 On steep hillside.
29 At Emergency Scene - Outside At or Above Grade not classified above.
20 At Emergency Scene--Outside At or Above Grade: insufficient information to classify further.

3 At Emergency Scene - Outside Below Grade
31 In open pit.
32 In ditch/trench.
33 In quarry/mine.
34 In ravine.
35 In well.
36 In water.
39 At Emergency Scene - Outside Below Grade not classified above.
30 At Emergency Scene - Outside Below Grade; insufficient information to classify further.

4 At Emergency Scene - Inside Structure At Or Above Grade
41 Grade level.
42 Second through fourth stories or equivalent above grade.
43 Fifth through seventh stories or equivalent above grade.
44 Above seventh story or equivalent above grade.
45 In attic regardless of height above grade.
49 At Emergency Scene - Inside Structure at or Above Grade not classified above.
40 At Emergency Scene - Inside Structure at or Above Grade; insufficient information

5 At Emergency Scene - Inside Structure Below Grade
51 One story or equivalent below grade.
52 Two or more stories below grade.
53 In tunnel.
54 In sewer.
50 At Emergency Scene - Inside Structure Below Grade; insufficient information to classify further.

6 At Emergency Scene - Inside Vehicle
61 Motor vehicle passenger compartment.
62 Motor vehicle cargo compartment.
63 Rail vehicle.
64 Boat/ship/barges.
65 Aircraft.
69 At Emergency Scene - Inside Vehicle not classified above.
60 At Emergency Scene - Inside Vehicle; insufficient information to classify further

7 At Fire Department Managed Location
71 At fire station including surrounding department-owned property.
72 At training school.
73 At off station drill site.
74 At administrative offices.
75 At maintenance facility.
76 At communication center.
77 At off station work site.
79 At Fire Department Managed Location not classified above.
70 At Fire Department Managed Location; insufficient information to classify further

8 At Inspection Site
81 Inside structure - normally occupied areas.
82 Inside structure - service or storage areas.
83 On roof, fire escape, outside stairways, etc.
84 On ground outside structure.
89 At Inspection Site not classified above.
80 At Inspection Site; insufficient information to classify further.

9 Other
99 Where Injury Accident Occurred not classified above.
00 Where Injury Accident Occurred undetermined or not reported.

CAUSE OF FIRE FIGHTER INJURY

1 Fell/Slipped
101 In hole, outside structure.
102 In hole burned in floor.
103 In hole burned in roof.
104 In unguarded opening in floor.
105 In unguarded opening in roof.
106 Over object.
107 On wet surface.
108 On icy surface.
109 On flat surface.
110 On steps, stairs.
111 From ladder.
112 From structure.
113 From emergency apparatus (safety bar/belt not fastened).
114 From emergency apparatus (safety bar/belt failed).
115 In or into emergency apparatus.
116 Off station sliding pole.
117 Over/off curb.
199 Fell/Slipped; not classified above.
100 Fell/Slipped; insufficient information to classify further.

2 Caught/Trapped Q In, By, Between
201 Collapsing roof.
202 Collapsing wall.
203 Collapsing floor.
204 Collapsing ceiling.
205 Fire Progress.
206 Back draft.
207 Flashover.
208 Explosion.
209 Falling object(s).
210 Between objects.
211 Lost inside building.
212 Fire department apparatus.
213 Earth cave-in.
214 Under water object(s) or obstacle(s).
299 Caught/Trapped not classified above.
200 Caught/Trapped; insufficient information to classify further.

3 Struck By
301 Collapsing roof.
302 Collapsing wall.
303 Collapsing ceiling.
304 Pieces of wall.
305 Ceiling being pulled by self.
306 Ceiling being pulled by others.
307 Dirt particles.
308 Flying glass.
309 Glass broken by self.
310 Glass broken by others.
311 Water stream, hand line.
312 Water stream, master stream.
313 Portable extinguisher stream.
314 Ladder.
315 Hand tools/equipment.
316 Hose.
317 Coupling.
318 Fire department apparatus.
319 Non-fire department vehicle.
320 Falling object(s).
321 Thrown objects, non-malicious (see 802 for Malicious).
322 Apparatus and compartment doors.
323 Other doors.
324 Fire station equipment.
325 Other personnel (not intentional).
399 Struck By not classified above.
300 Struck By; insufficient information to classify further.

4 Contact With/Exposure To
401 Heat.
402 Embers.
403 Hot metal.
404 Hot tar, etc.
405 Fire.
406 Splinters.
407 Nails.
408 Glass.
409 Water.
410 Steam.
411 Smoke/toxic fire products.
412 Unusual fumes, gases.
413 Chemicals.
414 Radioactive material.
415 Electricity.
416 Utility flames, flares, torches, etc.
417 Underwater objects.
418 Insects.
419 Poisonous plants.
420 Contagious disease.
421 Extreme weather.
499 Contact with/Exposure To not classified above.
400 Contact with/Exposure To; insufficient information to classify further.

5 Overexertion/Strain
501 While lifting hose.
502 While lifting ladder.
503 While lifting hand tools, saws, etc.
504 While lifting victim (during rescue from fire operation).
505 While lifting property/contents.
506 While lifting during rescue operation.
507 While lifting other, not classified above.
508 While carrying hose.
509 While carrying ladder.
510 While carrying hand tools, saws, etc.
511 While carrying victim (during rescue from fire operation).
512 While carrying property/contents.
513 While carrying during rescue operation.
514 While carrying, not classified above.

515 While pulling hose.
516 While pulling ladder.
517 While pulling hand tools, saws, etc.
518 While pulling victim (during rescue from fire operation).
519 While pulling property/contents.
520 While pulling during rescue operation.
521 While pulling other, not classified above.
522 While in rescue operation.
523 While climbing ladders.
524 While climbing stairs.
525 While climbing cliff or wall.
526 While climbing not classified above.
599 Overexertion/Strain not classified above.
500 Overexertion/Strain; insufficient information to classify further.

6 Exiting Or Escaping - Jumped
601 From ladder.
602 From wall, ledge, or window.
603 From roof.
604 From other part of structure.
605 From fire department apparatus.
699 Exiting or Escaping not classified above.
600 Exiting or Escaping; insufficient information available to classify further.

7 Fire Department Apparatus Accident
701 Collision with other vehicle.
702 Collision with pedestrian.
703 Collision with stationary object(s).
704 Collision not classified above.
705 Collision; insufficient information available to classify further.
706 Left road (no collision).
707 Overturned (no collision).
799 Fire Department Apparatus Accident not classified above.
700 Fire Department Apparatus Accident; insufficient information available to classify further.

8 Assaulted
801 Struck by individual(s) (deliberate act).
802 Struck by individuals (crowd action pushing or shoving).
803 Struck by thrown object(s).
804 Cut/stabbed.
805 Gunshot.
806 Bitten.
899 Assault not classified above.
800 Assault; insufficient information available to classify further.

9 Other Cause
999 Cause of Fire Fighter Injury not classified above.
000 Cause of Fire Fighter Injury, undetermined or not reported.

MEDICAL CARE PROVIDED

1 None.
2 Treated at scene.
3 Treated at medical clinic.
4 Treated at doctor's office.
5 Hospital emergency room.
6 Hospital outpatient.
7 Hospital inpatient.
8 Continued care after hospital release.
9 Medical Care Provided not classified above.
0 Medical Care Provided undetermined or not reported.

PROTECTIVE GEAR

PROTECTIVE COAT

Protective Coat Being Worn When Injured

1 Nomex protective coat with liner.
2 Nomex protective coat without liner.
3 Canvas protective coat with liner.
4 Canvas protective coat without liner.
5 Rubber (or rubberized) protective coat with liner.
6 Rubber (or rubberized) protective coat without liner.
7 Other protective coat with liner.
8 Other protective coat without liner.
9 No protective coat being worn when injured.
0 Protective Coat Being Worn When Injured undetermined or not reported.

Status of Protective Coat at Time of Injury

1 Open.
2 Partially open.
3 Closed, collar up.
4 Closed, collar down.
8 No protective coat being worn.
9 Status of Protective Coat at Time of Injury not classified above.
0 Status of Protective Coat at Time of Injury undetermined or not reported.

Problem with Protective Coat

1 Burned.
2 Ripped.
3 Melted.
4 Cut.
5 Trapped steam or hazardous gases.
7 No failure of the protective coat.
8 No protective coat worn.
9 Problem with Protective Coat not classified above.
0 Problem with Protective Coat undetermined or not reported.

PROTECTIVE TROUSERS

Protective Trousers Being Worn When Injured.

1 Nomex protective trousers with liner.
2 Nomex protective trousers without liner.
3 Canvas protective trousers with liner.
4 Canvas protective trousers without liner.
5 Rubber (or rubberized) protective trousers with liner.
6 Rubber (or rubberized) protective trousers without liner.
7 Other protective trousers with liner.
8 Other protective trousers without liner.
9 No protective trousers being worn when injured.
0 Type of Protective Trousers Being Worn When Injured undetermined or not reported.

Protective Trouser Status

1 Protective trousers worn properly.
2 Protective trousers worn inside boots.
3 Protective trousers worn without suspension.
8 No protective trousers worn.
9 Protective Trousers Status not classified above.
0 Protective Trousers Status undetermined or not reported.

Problem with Protective Trousers

1 Burned.
2 Ripped.
3 Melted.
4 Cut.
5 Trapped steam or hazardous gases.
7 No failure of the protective trousers.
8 No protective trousers worn.
9 Problem with Protective Trousers not classified above.
0 Problem with Protective Trousers undetermined or not reported.

BOOTS/SHOES

Boots/Shoes Being Worn When Injured

1 Boots, knee length (steel baseplate and steel toe).
2 Boots, knee length (steel toe only).
3 Boots, 3/4 length (steel baseplate and steel toe).
4 Boots, 3/4 length (steel toe only).
5 Shoes, safety (steel baseplate and steel toe).
6 Shoes, safety (steel toe only).
7 Boots, without steel reinforcement.
8 Shoes, non-safety.
9 Boots/Shoes Being Worn When Injured not classified above.
0 Boots/Shoes Being Worn When Injured undetermined or not reported.

Status of Boots at Time of Injury

1 3/4 length boots pulled up (full length).
2 3/4 length boots not pulled up.
3 Knee length boots worn.
8 No boots worn.
9 Status of Boots at Time of Injury not classified above.
0 Status of Boots at Time of Injury undetermined or not reported.

Problem with Boots/Shoes

1 Burned.
2 Ripped.
3 Cut.
4 Punctured.
5 Object fell into.
6 Failed under impact.
8 No failure of boots/shoes.
9 Problem with Boots/Shoes not classified above.
0 Problem with Boots/Shoes undetermined or not reported.

HELMET

Helmet Being Worn When Injured

1 Leather helmet.
2 Aluminum helmet.
3 Glass fiber helmet.
4 Polycarbonate helmet. Includes lexan, etc.
8 No helmet being worn.
9 Helmet Being Worn When Injured not classified above.
0 Helmet Being Worn When Injured undetermined or not reported.

Status of Helmet at Time of Injury

1 Chin strap in use.
2 Chin strap and ear/neck protector in use.
3 Ear/neck protector only in use.
4 Chin strap and ear/neck protector not in use.
8 No helmet being worn.
9 Status of Helmet at Time of Injury not classified above.
0 Status of Helmet at Time of Injury undetermined or not reported.

Problem with Helmet

1 Burned.
2 Melted.
3 Fractured.
4 Punctured.
5 Knocked off.
7 No failure of helmet.
8 No helmet worn.
9 Problem with Helmet not classified above.
0 Problem with Helmet undetermined or not reported.

FACE PROTECTION

Face Protection Being Worn When Injured

1 Full face protection.
2 Partial face protection.
3 Goggles worn.
8 No face protection being worn.
9 Face Protection Being Worn When injured not classified above.
0 Face Protection Being Worn When Injured undetermined or not reported.

Problem with Face Protection

1 Burned.
2 Melted.
3 Fractured/cracked/broke.
4 Scratched.
7 No failure of face protection.
8 No face protection being used.
9 Problem with Face Protection not classified above.
0 Problem with Face Protection undetermined or not reported.

BREATHING APPARATUS

Breathing Apparatus Being Used When Injured

1 Self-contained open circuit demand-type apparatus.
2 Self-contained open circuit pressure-type apparatus.
3 Self-contained closed circuit-type apparatus.
4 Not self-contained.
8 No breathing apparatus being used when injured.
9 Breathing Apparatus Being Used When Injured not classified above.
0 Breathing Apparatus Being Used When Injured undetermined or not reported.

Status of Breathing Apparatus

1 Face piece and regulator connected.
2 Air supply turned off.
3 Face piece not in place.
4 Harness not secured.
5 Breathing apparatus properly worn.
8 No breathing apparatus.
9 Status of Breathing Apparatus not classified above.
0 Status of Breathing Apparatus undetermined or not reported.

Problems with breathing apparatus

1 Face Piece/Hose

11 Burned.
12 Ripped.
13 Melted.
14 View plate cracked/broken.
15 Detached.
16 Exhalation valve inoperative/damaged.
19 Problem with Face Piece/Hose not classified above.
10 Problem with Face Piece/Hose; insufficient information available to classify further.

2 Harness

21 Burned.
22 Ripped.
23 Melted.
24 Detached/separated.
29 Problem with Harness not classified above.
20 Problem with Harness; insufficient information available to classify further.

3 Regulator
31 Failed.
32 Damaged by contact.
33 Problem with admissions valve.
39 Problem with Regulator not classified above.
30 Problem with Regulator; insufficient information available to classify further.

4 Alarm
41 Failed to operate.
42 Damaged by contact.
49 Problem with Alarm not classified above.
40 Problem with Alarm; insufficient information available to classify further.

5 Supply Cylinder/Valve
51 Failed to operate.
52 Damaged by contact.
53 Contained insufficient air/oxygen.
59 Problem with Supply Cylinder/Valve not classified above.
50 Problem with Supply Cylinder/Valve; insufficient information available to classify further.

9 Other Problems With Breathing Apparatus
97 No failure of breathing apparatus.
98 No breathing apparatus being used.
99 Problems with Breathing Apparatus not classified above.
00 Problems with Breathing Apparatus undetermined or not reported.

GLOVES

Gloves Being Worn When Injured
1 Cotton.
2 Wool.
3 Canvas.
4 Leather.
5 Asbestos.
6 Rubber.
7 Synthetic. Including nomex.
8 No gloves being worn when injured.
9 Gloves Being Worn When Injured not classified above.
0 Gloves Being Worn When Injured undetermined or not reported.

Problems With Gloves
1 Burned.
2 Ripped.
3 Melted.
4 Cut, punctured.
5 Object fell into.
6 Insufficient insulation.
7 No failure of the gloves.
8 No gloves being worn.
9 Problem with Gloves not classified above.
0 Problem with Gloves undetermined or not reported.

SPECIAL EQUIPMENT

Special Equipment Worn

1 Proximity suit.
2 Chemical suit.
3 Scuba gear.
4 Exposure suit.
5 Life preservers.
6 Life Belt, ladder belt.
7 Personnel lighting.
8 No special equipment being used.
9 Special Equipment not classified above.
0 Special Equipment undetermined or not reported.

Special Equipment Status

1 Being worn properly and used for designed purpose.
2 Being worn properly but not used for designed purpose.
3 Not being worn properly but used for designed purpose.
4 Not being worn properly and not used for designed purpose.
8 No special equipment being used.
0 Special Equipment Status undetermined or not reported.

Problem with Special Equipment

1 Burned.
2 Ripped, torn, cut, punctured.
3 Melted.
4 Not properly serviced/stored prior to use.
5 Not used for designed purpose.
6 Not used as recommended by manufacturer.
7 No problem with special equipment.
8 No special equipment being used.
9 Problem with Special Equipment not classified above.
0 Problem with Special Equipment undetermined or not reported.

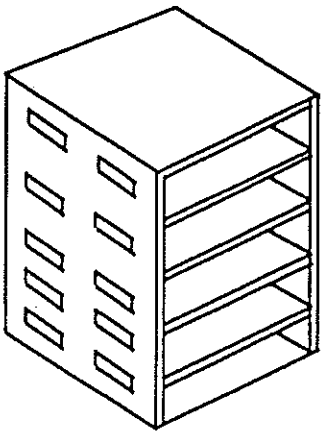
CONSTRUCTION TYPE

Code	Basic Description	1 Basic Building Code	2 Southern Building Code	3 Uniform Building 1973 and Prior	3 Uniform Building After 1973	4 NFPA Pamphlet 220
1	Fire Resistive	1A, 1B	1	1,11	I,IIF.R.	1(4,4,3,), 1(3,3,2)
2	Heavy Timber	3A	IIIH.T.	IIIH.T.	IVH.T.	IV(2HH)
3	Protected Non-Combustible	2A,2B	II,IV 1HR.	IV 1HR.	11 1HR.	11(2,2,2), 11(1,1 ,1)
4	Unprotected Non-Combustible	2C	IV N.R.	IV N.R.	11 N.R.	11(000)
5	Protected Ordinary	3B	V IHR.	1111HR.	111 1HR.	111(211)
6	Unprotected Ordinary	3C	V N.R.	111 N.R.	111 N.R.	111(200)
7	Protected Wood Frame	4A	VI 1 HR.	V 1HR.		V(1 1 1)
8	Unprotected Wood Frame	4B	VI N.R.	V N.R.	V N.R.	V(000)
9	Not Classified Above					
0	Undetermined or Not Reported					

1. Building Officials and Code Administrators International, Inc., Chicago, Illinois.
2. Southern Building Code Congress, Birmingham, Alabama.
3. International Conference of Building Officials, Whittier, California.
4. National Fire Protection Association, Quincy, Massachusetts.

CONSTRUCTION TYPE CODE CLARIFICATION

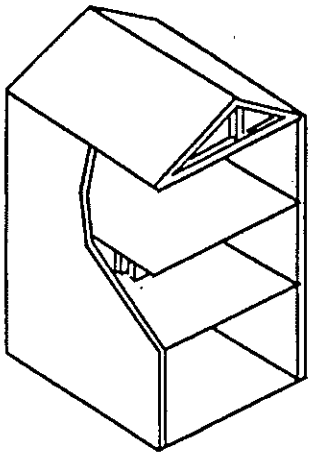
Since some fire service personnel may not be familiar with the brief descriptions of construction types given, the following, more detailed explanations are provided.



1. Fire Resistive

A totally non-combustible building in which no structural steel is exposed and all vertical openings are protected with approved doors. The fire resistant coverings of the steel is typically very heavy; poured concrete, brick, concrete block, or similar material.

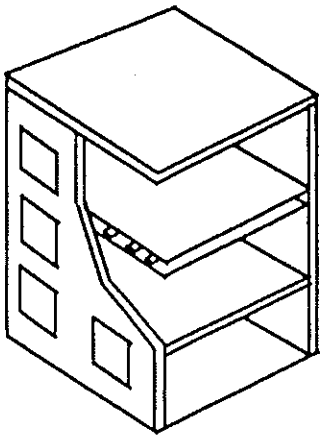
Non combustible: Concrete or protected steel throughout (2 hr.)



2. Heavy Timber

A typical mill-constructed building in which the load-bearing walls or columns are masonry or heavy timber and all exposed wood members have a minimum dimension of two (2) inches. If steel or iron columns are used, they should be protected by a fire-resistance enclosure.

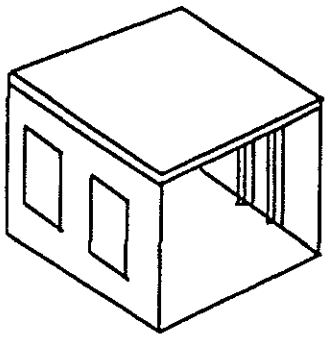
Combustible: Structural members of substantial timber construction. Exterior wall of substantial masonry or timber.



3. Protected Non-combustible

A totally non-combustible building in which no structural steel is exposed. All vertical openings are protected by approved doors. The fire-resistant covering of the steel is typically light: gypsum board, sprayed fire resistive covering, rated ceilings, and similar materials.

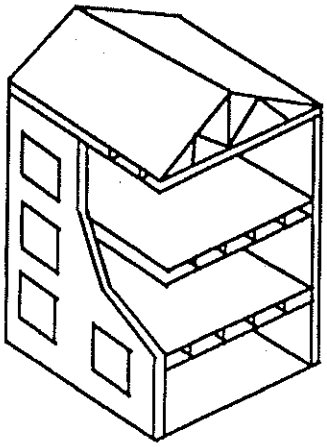
Non combustible: Concrete or protected steel throughout (1hr.).



4. Unprotected Non-combustible

A totally non-combustible building in which the structural steel is exposed to the effects of a fire.

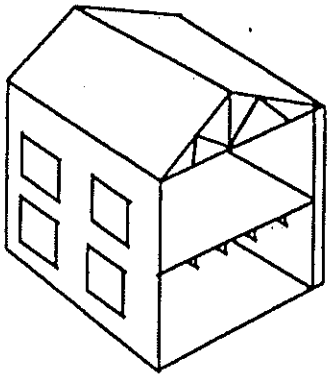
Non combustible: Exposed steel throughout.



5. Protected Ordinary

The load-bearing walls are masonry. Columns are protected by a fire-resistive covering. The underside of all wood floor and roof decks is protected by a fire-resistive coating.

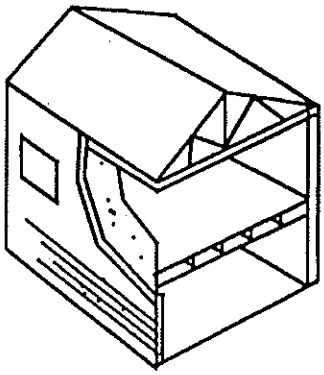
Combustible: Protected wood roofs and floors (1 hr.). Exterior walls of substantial masonry.



6. Unprotected Ordinary

The load-bearing walls are masonry. Columns, wood floor and roof decks are exposed and unprotected from fire

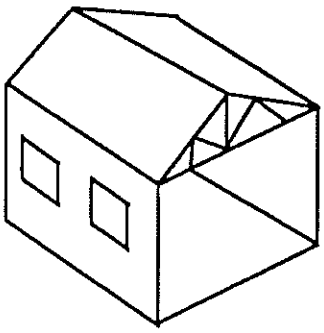
Combustible: Exposed wood roof & floors. Exterior walls of substantial masonry.



7. Protected Wood Frame

Walls, floors and roof structure are wood framing. The interior wall and ceiling surfaces of habitable spaces are protected by a fire resistive covering. A brick veneer building falls in this category because the wall structure is wood framed. But for any wood frame building if the basement does not have a fire-resistive ceiling protecting the underside of the first floor, the building should be classified in the "unprotected wood frame" category.

Combustible: Wood roof, walls and floors protected by 1/2" gypsum board. Exterior wall brick veneer over wood.



8. Unprotected Wood Frame

Walls, floors and roof structure are wood framing. There is no fire-resistive covering protecting the wood frame. A typical residential garage would fall in this category.

Combustible: Exposed wood throughout.

MASSACHUSETTS FIRE INCIDENT REPORT

DEPARTMENT OF PUBLIC SAFETY — OFFICE OF THE STATE FIRE MARSHAL
1010 Commonwealth Avenue — Boston, Massachusetts 02215

Massachusetts Fire Incident Reporting System

10	FDID# 13339	Department Wilbraham	Revised Report		FORM FP-32
Incident # 950144	If Exposure Fire Only:	DATE 3/29/95	Day Of Week: 1 Sun 2 Mon 3 Tue 4 Wed 5 Thu 6 Fri 7 Sat — 1	Alarm Time 18:37	Arrival Time 18:40	Back in Service 19:11

(B) SITUATION FOUND: 11 Structure fire; 13 Vehicle fire; 14 Brush, grass, leaves; 15 Trash, rubbish; 16 Explosion. No after fire; 17 Outside spill with fire; 18 Other fires not classified; 47 Chemical spill; 44 Power line down; 45 Arcing electric equipment
SEE MANUAL FOR OTHER CALLS: 11
ACTION TAKEN: 1 Extinguishment; 2 Rescue or Assistance; 3 Investigation only; 4 Remove Hazard; 5 Stand by; 6 Salvage; 7 Ambulance; 8 Fill in, Move up — 1
MUTUAL AID: 1 Rec'd; 2 Given; X N A

(C) FIXED PROPERTY USE (Occupancy): Single Family House — 4 1 1
IGNITION FACTOR: Unattended Cooking — 7 3

(D) CORRECT ADDRESS (Up to maximum of 21 characters): 42 Lake Street
ZIP CODE: 0 1 0 9 5
CENSUS TRACT: 8 1 3 6 0 1

(E) 11 OCCUPANT NAME (LAST, FIRST, MI): Levine, Karen J.
TELEPHONE: (413) 596-3122
ROOM or APT.: N/A

(F) 12 OWNER NAME (LAST, FIRST, MI): Levine, Karen J.
ADDRESS: 42 Lake Street
TELEPHONE: (413) 596-3122

(G) 13 METHOD OF ALARM: 1
1 Telephone direct; 2 Municipal alarm system; 3 Private alarm system; 4 Radio; 5 Verbal; 6 No alarm recd.; 7 Tie-line (911); 8 Voice signal municipal alarm signal; 9 Not classified above; 0 Undetermined or not reported

CO. INSPECTION DISTRICT: 4
SHIFT: 2
NO. ALARMS: 1

(H) NO. FIRE SERVICE PERSONNEL RESPONDED: 14
NO. ENGINES RESPONDED: 2
NO. AERIAL APPARATUS RESPONDED: 1
HAZARDOUS MATERIAL PRESENT? YES ☐ NO ☐
NO. TANKERS RESPONDED: 0
NO. OTHER VEHICLES RESPONDED: 1
SUBSTANCE:
Special Equipment Used?
USE FP 33 FOR ALL CASUALTIES

(I) 20 FIRE SERVICE — NUMBER OF INJURIES: 0 — NUMBER OF FATALITIES: 0
OTHER — NUMBER OF INJURIES: 0 — NUMBER OF FATALITIES: 0 — RESCUES: 0

MOBILE PROPERTY TYPE: 0 1 8
11 AUTO, VAN; 12 BUS; 13 MOTORCYCLE; 21 TRUCK OVER 1 TON; 22 TRUCK UNDER 1 TON; 41 BOAT, UNDER 65'; 08 NONE

VEHICLE STOLEN? Yes ☐ No ☐

ESTIMATED TOTAL DOLLAR LOSS: , ,750
Insurance Co.: Union Mutual
Total Insurance: $ 80,000 — Claim Paid: $

30 YEAR — MAKE — MODEL — COLOR — LICENSE NO. — VIN #

40 IF EQUIPMENT INVOLVED IN IGNITION — YEAR: 1984 — MAKE: Westinghouse — MODEL: Electric Stove — SERIAL NO.

(K) COMPLEX: Single Family — 4 1
AREA OF ORIGIN: Kitchen — 2 4
EQUIPMENT INVOLVED IN IGNITION: Electric Stove — 2 1

(L) FORM OF HEAT IGNITION: Stove (properly op.) — 5 6
MATERIAL IGNITED: Cooking Oil
FORM: Cooking Material — 2 4
TYPE: Cooking Oil — 2 7

(M) METHOD OF EXTINGUISHMENT: 5
1 Self extinguished; 2 Make shift aids; 3 Portable extinguisher; 4 Automatic ext. system; 5 Pre-connect hose, tank only; 6 Pre-connect hose, hydrant draft standpipe; 7 Hand-laid hose, hydrant draft standpipe; 8 Master stream device

LEVEL OF FIRE ORIGIN: 1
1 Grade level to 9 ft; 2 10 to 19 feet; 3 20 to 29 feet; 4 30 to 49 feet; 5 50 to 70 feet; 6 Over 70 feet; 7 Objects in flight; 8 Below ground level; 9 Not classified above; 0 Undetermined

Number of Stories: 2
1 1 story; 2 2 story; 3 3 to 4 stories; 4 5 to 6 stories; 5 7 to 12 stories; 6 13 to 24 stories; 7 25 to 49 stories; 8 50 stories or more

CONSTRUCTION TYPE: 7
1 Fire resistive; 7 Heavy timber; 3 Protected noncombustible; 4 Unprotected noncombustible; 5 Protected ordinary; 6 Unprotected ordinary; 7 Protected wood frame; 8 Unprotected wood frame; 9 Not classified above; 0 Undetermined or not reported

(N) EXTENT OF DAMAGE: Flame: 2 — Smoke: 3
1 Confined to the object of origin; 2 Confined to part of room or area of origin; 3 Confined to room of origin; 4 Confined to the fire-rated comp. of origin; 5 Confined to floor of origin; 6 Confined to structure of origin; 7 Extended beyond structure of origin; 9 No damage of this type (N A)

(O)

(P) DETECTOR PERFORMANCE: 2
1 Det. in room or space of fire origin — oper.; 2 Det. not in rm. or space of fire origin — oper.; 3 Det. in rm. or space of origin — no oper.; 4 Det. not in rm. or space of origin — no oper.; 5 Det. in rm. or space of fire origin but fire too small to oper.; 9 Not classified above; 0 Undetermined or not reported; 8 No detectors present (N A)

SPRINKLER PERFORMANCE: 8
1 Equipment operated; 2 Equipment should have operated — did not; 3 Equipment pre. but fire too small to oper.; 9 Not classified above; 0 Undetermined or not reported; 8 No equipment present (N A)

(Q) IF SMOKE SPREAD BEYOND ROOM OF ORIGIN — MATERIAL GENERATING MOST SMOKE: N/A — FORM: N/A — 9 8 — TYPE: N/A — 9 8

WEATHER CONDITIONS: Blustery, 45F

AVENUE OF SMOKE TRAVEL: 8
1 Air handling duct; 2 Corridor; 3 Elevator shaft; 4 Stairwell; 5 Opening in construction; 6 Utility opening in wall; 7 Utility opening in floor; 9 Not classified above; 0 Undetermined or not reported; 8 No avenue of smoke travel (N A)

MEMBER MAKING REPORT: Lt. John Brown
DATE: 3/29/95

Entries contained in this report are intended for the sole use of the State Fire Marshal. Estimations and evaluations made herein represent "most likely" and "most probable" cause and effect. Any representation as to the validity or accuracy of reported conditions outside the State Fire Marshal's office, is neither intended nor implied.

FIRE MARSHAL FM ____ 1 Yes 2 No

ORIGINAL - FIRE DEPARTMENT — CARBON COPY - STATE FIRE MARSHAL

MASSACHUSETTS FIRE INCIDENT REPORT

DEPARTMENT OF PUBLIC SAFETY — OFFICE OF THE STATE FIRE MARSHAL
1010 Commonwealth Avenue — Boston, Massachusetts 02215

Massachusetts Fire Incident Reporting System

A	10	FDID#	05201	Department	New Bedford	Revised Report		FORM FP-32		
	Incident #	951361	If Exposure Fire Only:		DATE 5/16/95	Day Of Week	1 Sun 2 Mon 3 Tue 4 Wed 5 Thu 6 Fri 7 Sat	7	Alarm Time 11:08	Arrival Time 11:11	Back in Service 11:43

B — SITUATION FOUND: 11 [ ] Structure fire; 13 [ ] Vehicle fire; 14 [ ] Brush, grass, leaves; 15 [ ] Trash, rubbish; 16 [ ] Explosion, No after fire; 17 [ ] Outside spill with fire; 18 [ ] Other fires not classified; 47 [ ] Chemical spill; 44 [ ] Power line down; 45 [ ] Arcing electric equipment
SEE MANUAL FOR OTHER CALLS: 14
ACTION TAKEN: 1 [ ] Extinguishment; 2 [ ] Rescue or Assistance; 3 [ ] Investigation only; 4 [ ] Remove Hazard; 5 [ ] Stand by; 6 [ ] Salvage; 7 [ ] Ambulance; 8 [ ] Fill in, Move up: 1
MUTUAL AID: 1 Rec'd; 2 Given; X N A

C — FIXED PROPERTY USE (Occupancy): Vacant Lot — 9 3 6
IGNITION FACTOR: Children Playing with Matches — 3 6

D — CORRECT ADDRESS (Up to maximum of 21 characters): 796 Lantern Road
ZIP CODE: 0 2 7 4 0 — CENSUS TRACT: 6 5 0 2 0 2

E — 11 OCCUPANT NAME (LAST, FIRST, MI): Unoccupied — TELEPHONE — ROOM or APT.

F — 12 OWNER NAME (LAST, FIRST, MI): City of New Bedford — ADDRESS — TELEPHONE

G — 13 METHOD OF ALARM: 1
1 Telephone direct; 2 Municipal alarm system; 3 Private alarm system; 4 Radio; 5 Verbal; 6 No alarm recd.; 7 Tie-line (911); 8 Voice signal municipal alarm signal; 9 Not classified above; 0 Undetermined or not reported

CO. INSPECTION DISTRICT — SHIFT — NO. ALARMS

H — NO. FIRE SERVICE PERSONNEL RESPONDED: 4
NO. ENGINES RESPONDED: 1
NO. AERIAL APPARATUS RESPONDED: 0
NO. TANKERS RESPONDED: 0
NO. OTHER VEHICLES RESPONDED: 0
HAZARDOUS MATERIAL PRESENT? YES [ ] NO [X]
SUBSTANCE
Special Equipment Used?
USE FP 33 FOR ALL CASUALTIES

I — 20 FIRE SERVICE: NUMBER OF INJURIES: 0 — NUMBER OF FATALITIES: 0
OTHER: NUMBER OF INJURIES: 0 — NUMBER OF FATALITIES: 0 — RESCUES: 0

J — MOBILE PROPERTY TYPE: 0 8
11 AUTO, VAN; 12 BUS; 13 MOTORCYCLE; 21 TRUCK OVER 1 TON; 22 TRUCK UNDER 1 TON; 41 BOAT, UNDER 65'; 08 NONE
VEHICLE STOLEN? Yes [ ] No [ ]
ESTIMATED TOTAL DOLLAR LOSS: 0
Insurance Co.: N/A — Total Insurance $ — Claim Paid $

30 — YEAR / MAKE / MODEL / COLOR / LICENSE NO. / VIN #

40 — IF EQUIPMENT INVOLVED IN IGNITION / YEAR / MAKE / MODEL / SERIAL NO.

K — COMPLEX: 9 8 — AREA OF ORIGIN — 9 4 — EQUIPMENT INVOLVED IN IGNITION: 9 8

L — FORM OF HEAT IGNITION: 4 5 — MATERIAL IGNITED: Brush — FORM: Brush — 7 4 — TYPE: Brush — 6 2

M — METHOD OF EXTINGUISHMENT: 5
1 Self extinguished; 2 Make shift aids; 3 Portable extinguisher; 4 Automatic ext. system; 5 Pre-connect hose, tank only; 6 Pre-connect hose, hydrant draft standpipe; 7 Hand-laid hose, hydrant draft standpipe; 8 Master stream device

LEVEL OF FIRE ORIGIN: 1
1 Grade level to 9 ft; 2 10 to 19 feet; 3 20 to 29 feet; 4 30 to 49 feet; 5 50 to 70 feet; 6 Over 70 feet; 7 Objects in flight; 8 Below ground level; 9 Not classified above; 0 Undetermined

Number of Stories:
1 1 story; 2 2 story; 3 3 to 4 stories; 4 5 to 6 stories; 5 7 to 12 stories; 6 13 to 24 stories; 7 25 to 49 stories; 8 50 stories or more

CONSTRUCTION TYPE:
1 Fire resistive; 2 Heavy timber; 3 Protected noncombustible; 4 Unprotected noncombustible; 5 Protected ordinary; 6 Unprotected ordinary; 7 Protected wood frame; 8 Unprotected wood frame; 9 Not classified above; 0 Undetermined or not reported

N — EXTENT OF DAMAGE: Flame — Smoke
1 Confined to the object of origin; 2 Confined to part of room or area of origin; 3 Confined to room of origin; 4 Confined to the fire-rated comp. of origin; 5 Confined to floor of origin; 6 Confined to structure of origin; 7 Extended beyond structure of origin; 9 No damage of this type (N A)

O — DETECTOR PERFORMANCE:
1 Det. in room or space of fire origin — oper; 2 Det. not in rm. or space of fire origin — oper; 3 Det. in rm. or space of origin — no oper; 4 Det. not in rm. or space of origin — no oper; 5 Det. in rm. or space of fire origin but fire too small to oper.; 9 Not classified above; 0 Undetermined or not reported; 8 No detectors present (N A)

P — SPRINKLER PERFORMANCE:
1 Equipment operated; 2 Equipment should have operated — did not; 3 Equipment pre. but fire too small to oper.; 9 Not classified above; 0 Undetermined or not reported; 8 No equipment present (N A)

Q — IF SMOKE SPREAD BEYOND ROOM OF ORIGIN / MATERIAL GENERATING MOST SMOKE / FORM / TYPE

WEATHER CONDITIONS

AVENUE OF SMOKE TRAVEL:
1 Air handling duct; 2 Corridor; 3 Elevator shaft; 4 Stairwell; 5 Opening in construction; 6 Utility opening in wall; 7 Utility opening in floor; 9 Not classified above; 0 Undetermined or not reported; 8 No avenue of smoke travel (N A)

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MEMBER MAKING REPORT: Lt. Tim Robertson — DATE: 5/16/95

FIRE MARSHAL FM ____ 1 Yes 2 No

ORIGINAL: FIRE DEPARTMENT — CARBON COPY: STATE FIRE MARSHAL

MASSACHUSETTS FIRE INCIDENT REPORT

DEPARTMENT OF PUBLIC SAFETY — OFFICE OF THE STATE FIRE MARSHAL
1010 Commonwealth Avenue — Boston, Massachusetts 02215

Massachusetts Fire Incident Reporting System

10 FDID#	13281	Department	Springfield	Revised Report		FORM FP-32

Incident #	If Exposure Fire Only:	DATE	Day Of Week (1 Sun 2 Mon 3 Tue 4 Wed 5 Thu 6 Fri 7 Sat)	Alarm Time	Arrival Time	Back in Service
953146		4/12/95	1	02:24	02:26	03:13

(B) SITUATION FOUND: 11 Structure fire; 13 Vehicle fire; 14 Brush, grass, leaves; 15 Trash, rubbish; 16 Explosion. No after fire; 17 Outside spill with fire; 18 Other fires not classified; 47 Chemical spill; 44 Power line down; 45 Arcing electric equipment. SEE MANUAL FOR OTHER CALLS: 13

ACTION TAKEN: 1 Extinguishment; 2 Rescue or Assistance; 3 Investigation only; 4 Remove Hazard; 5 Stand by; 6 Salvage; 7 Ambulance; 8 Fill in. Move up: 1

MUTUAL AID: 1 Rec'd; 2 Given; X N A

(C) FIXED PROPERTY USE (Occupancy): Mall Parking Lot — 9 6 5

IGNITION FACTOR: Suspicous — 2 1

(D) CORRECT ADDRESS (Up to maximum of 21 characters): 1240 Main Street

ZIP CODE: 0 1 1 0 7 — CENSUS TRACT: 8 0 3 0 0 0

(E) 11 OCCUPANT NAME (LAST, FIRST, MI): Unoccupied — TELEPHONE: — ROOM or APT.:

(F) 12 OWNER NAME (LAST, FIRST, MI): Tiffins, Leonard M. — ADDRESS: 162 Elm Street — TELEPHONE: 413-783-2799

(G) 13 METHOD OF ALARM: 4
1 Telephone direct; 2 Municipal alarm system; 3 Private alarm system; 4 Radio; 5 Verbal; 6 No alarm recd.; 7 Tie-line (911); 8 Voice signal municipal alarm signal; 9 Not classified above; 0 Undetermined or not reported

CO. INSPECTION DISTRICT: 2

SHIFT: 3

NO. ALARMS: 1

(H) NO. FIRE SERVICE PERSONNEL RESPONDED: 7

NO. ENGINES RESPONDED: 1

NO. AERIAL APPARATUS RESPONDED: 1

HAZARDOUS MATERIAL PRESENT? YES ☐ NO ☒

NO. TANKERS RESPONDED: 0

NO. OTHER VEHICLES RESPONDED: 0

SUBSTANCE:

Special Equipment Used?

USE FP 33 FOR ALL CASUALTIES

(I) 20 FIRE SERVICE — NUMBER OF INJURIES: 0 — NUMBER OF FATALITIES: 0

OTHER — NUMBER OF INJURIES: 0 — NUMBER OF FATALITIES: 0 — RESCUES: 0

MOBILE PROPERTY TYPE: 1 1
11 AUTO, VAN; 12 BUS; 13 MOTORCYCLE; 21 TRUCK OVER 1 TON; 22 TRUCK UNDER 1 TON; 41 BOAT, UNDER 65'; 08 NONE

VEHICLE STOLEN? Yes ☒ No ☐

ESTIMATED TOTAL DOLLAR LOSS: , 1 1 4 , 0 0 0 .

Insurance Co.: Allstate — Total Insurance: $? — Claim Paid: $

30 YEAR: 1992 — MAKE: Chev — MODEL: Cam — COLOR: Red — LICENSE NO.: 426DJL — VIN #: 1G1AB6899BY163635

40 IF EQUIPMENT INVOLVED IN IGNITION — YEAR — MAKE — MODEL — SERIAL NO.: N/A

(K) COMPLEX: Shopping — 5 8 — AREA OF ORIGIN: Passenger Area — 8 1 — EQUIPMENT INVOLVED IN IGNITION: None — 9 8

(L) FORM OF HEAT IGNITION: Match — 4 5 — MATERIAL IGNITED: Accelerant — FORM: Accelerant — 8 6 — TYPE: Gasoline — 2 3

(M) METHOD OF EXTINGUISHMENT: 5
1 Self extinguished; 2 Make shift aids; 3 Portable extinguisher; 4 Automatic ext. system; 5 Pre-connect hose tank only; 6 Pre-connect hose hydrant draft standpipe; 7 Hand-laid hose hydrant draft standpipe; 8 Master stream device

LEVEL OF FIRE ORIGIN: 1
1 Grade level to 9 ft; 2 10 to 19 feet; 3 20 to 29 feet; 4 30 to 49 feet; 5 50 to 70 feet; 6 Over 70 feet; 7 Objects in flight; 8 Below ground level; 9 Not classified above; 0 Undetermined

Number of Stories:
1 1 story; 2 2 story; 3 3 to 4 stories; 4 5 to 6 stories; 5 7 to 12 stories; 6 13 to 24 stories; 7 25 to 49 stories; 8 50 stories or more

CONSTRUCTION TYPE:
1 Fire resistive; 2 Heavy timber; 3 Protected noncombustible; 4 Unprotected noncombustible; 5 Protected ordinary; 6 Unprotected ordinary; 7 Protected wood frame; 8 Unprotected wood frame; 9 Not classified above; 0 Undetermined or not reported

(N) EXTENT OF DAMAGE
1 Confined to the object of origin; 2 Confined to part of room or area of origin; 3 Confined to room of origin; 4 Confined to the fire-rated comp. of origin; 5 Confined to floor of origin; 6 Confined to structure of origin; 7 Extended beyond structure of origin; 9 No damage of this type (N A)

(O) Flame: — Smoke:

(P) DETECTOR PERFORMANCE
1 Det. in room or space of fire origin — oper; 2 Det. not in rm. or space of fire origin — oper; 3 Det. in rm. or space of origin — no oper.; 4 Det. not in rm. or space of origin — no oper; 5 Det. in rm. or space of fire origin but fire too small to oper; 9 Not classified above; 0 Undetermined or not reported; 8 No detectors present (N A)

SPRINKLER PERFORMANCE
1 Equipment operated; 2 Equipment should have operated — did not; 3 Equipment pre. but fire too small to oper; 9 Not classified above; 0 Undetermined or not reported; 8 No equipment present (N A)

(Q) IF SMOKE SPREAD BEYOND ROOM OF ORIGIN — MATERIAL GENERATING MOST SMOKE — FORM — TYPE

WEATHER CONDITIONS

AVENUE OF SMOKE TRAVEL
1 Air handling duct; 2 Corridor; 3 Elevator shaft; 4 Stairwell; 5 Opening in construction; 6 Utility opening in wall; 7 Utility opening in floor; 9 Not classified above; 0 Undetermined or not reported; 8 No avenue of smoke travel (N A)

Entries contained in this report are intended for the sole use of the State Fire Marshal. Estimations and evaluations made herein represent "most likely" and "most probable" cause and effect. Any representation as to the validity or accuracy of reported conditions outside the State Fire Marshal's office, is neither intended nor implied.

FIRE MARSHAL FM ____ 1 Yes 2 No

MEMBER MAKING REPORT: Lt. Kenneth Baker — DATE: 4/12/95

ORIGINAL - FIRE DEPARTMENT — CARBON COPY - STATE FIRE MARSHAL

MASSACHUSETTS FIRE INCIDENT REPORT

DEPARTMENT OF PUBLIC SAFETY — OFFICE OF THE STATE FIRE MARSHAL
1010 Commonwealth Avenue — Boston, Massachusetts 02215

Massachusetts Fire Incident Reporting System

10	FDID# 13005	Department: Agawam Fire Depart.			Revised Report:		FORM FP-32			
Incident # 950137	If Exposure Fire Only:	DATE 1/22/95	Day Of Week: 1 Sun 2 Mon 3 Tue 4 Wed 5 Thu 6 Fri 7 Sat — 1		Alarm Time 22:40	Arrival Time 22:44	Back in Service 23:54			

(B) SITUATION FOUND: 11 Structure fire; 13 Vehicle fire; 14 Brush, grass, leaves; 15 Trash, rubbish; 16 Explosion. No after fire; 17 Outside spill with fire; 18 Other fires not classified; 47 Chemical spill; 44 Power line down; 45 Arcing electric equipment
SEE MANUAL FOR OTHER CALLS: 11
ACTION TAKEN: 1 Extinguishment; 2 Rescue or Assistance; 3 Investigation only; 4 Remove Hazard; 5 Stand by; 6 Salvage; 7 Ambulance; 8 Fill in. Move up: 1
MUTUAL AID: 1 Rec'd; 2 Given; X N A: X

(C) FIXED PROPERTY USE (Occupancy): Two-family home — 4 1 4
IGNITION FACTOR: Smoking in bed — 3 1

(D) CORRECT ADDRESS (Up to maximum of 21 characters): 193 Cherry Street
ZIP CODE: 0 1 0 3 0
CENSUS TRACT: 8 1 3 2 0 0

(E) 11 OCCUPANT NAME (LAST, FIRST, MI): Johnson, Agnes
TELEPHONE: (413) 786-8744
ROOM or APT.: 2

(F) 12 OWNER NAME (LAST, FIRST, MI): O'Rourke, Keith B.
ADDRESS: 193 Cherry St., Apt 1
TELEPHONE: (413) 786-1403

(G) 13 METHOD OF ALARM: 1 — 1 Telephone direct; 2 Municipal alarm system; 3 Private alarm system; 4 Radio; 5 Verbal; 6 No alarm recd.; 7 Tie-line (911); 8 Voice signal municipal alarm signal; 9 Not classified above; 0 Undetermined or not reported
CO. INSPECTION DISTRICT: E-2
SHIFT: 3
NO. ALARMS: 1
(H) NO. FIRE SERVICE PERSONNEL RESPONDED: 13
NO. ENGINES RESPONDED: 3
NO. AERIAL APPARATUS RESPONDED: 0
HAZARDOUS MATERIAL PRESENT? YES ☐ NO ☒
NO. TANKERS RESPONDED: 0
NO. OTHER VEHICLES RESPONDED: 1
SUBSTANCE:
Special Equipment Used?
USE FP 33 FOR ALL CASUALTIES

(I) 20 FIRE SERVICE — NUMBER OF INJURIES: 1; NUMBER OF FATALITIES: 0
OTHER — NUMBER OF INJURIES: 1; NUMBER OF FATALITIES: 0; RESCUES: 1

(J) MOBILE PROPERTY TYPE: 0 8
11 AUTO, VAN; 12 BUS; 13 MOTORCYCLE; 21 TRUCK OVER 1 TON; 22 TRUCK UNDER 1 TON; 41 BOAT, UNDER 65'; 08 NONE
VEHICLE STOLEN? Yes ☐ No ☐
ESTIMATED TOTAL DOLLAR LOSS: 2,500.
Insurance Co.: Allstate
Total Insurance: $160,000 — Claim Paid: $

30 YEAR — MAKE — MODEL — COLOR — LICENSE NO. — VIN #

40 IF EQUIPMENT INVOLVED IN IGNITION — YEAR — MAKE — MODEL — SERIAL NO.

(K) COMPLEX: Dwelling — 4 1
AREA OF ORIGIN:
EQUIPMENT INVOLVED IN IGNITION:

(L) FORM OF HEAT IGNITION: Cigarette — 3 1
MATERIAL IGNITED: Bedding
FORM: Blanket — 3 2
TYPE: Cotton — 7 2

(M) METHOD OF EXTINGUISHMENT: 5 — 1 Self extinguished; 2 Make shift aids; 3 Portable extinguisher; 4 Automatic ext. system; 5 Pre-connect hose, tank only; 6 Pre-connect hose, hydrant draft standpipe; 7 Hand-laid hose, hydrant draft standpipe; 8 Master stream device
LEVEL OF FIRE ORIGIN: 2 — 1 Grade level to 9 ft; 2 10 to 19 feet; 3 20 to 29 feet; 4 30 to 49 feet; 5 50 to 70 feet; 6 Over 70 feet; 7 Objects in flight; 8 Below ground level; 9 Not classified above; 0 Undetermined
Number of Stories: 3 — 1 1 story; 2 2 story; 3 3 to 4 stories; 4 5 to 6 stories; 5 7 to 12 stories; 6 13 to 24 stories; 7 25 to 49 stories; 8 50 stories or more
CONSTRUCTION TYPE: 5 — 1 Fire resistive; 2 Heavy timber; 3 Protected noncombustible; 4 Unprotected noncombustible; 5 Protected ordinary; 6 Unprotected ordinary; 7 Protected wood frame; 8 Unprotected wood frame; 9 Not classified above; 0 Undetermined or not reported

(N) EXTENT OF DAMAGE: 9 No damage of this type (N A)
Flame: 2 — Smoke: 5
1 Confined to the object of origin; 2 Confined to part of room or area of origin; 3 Confined to room of origin; 4 Confined to the fire-rated comp. of origin; 5 Confined to floor of origin; 6 Confined to structure of origin; 7 Extended beyond structure of origin

(O) **(P)** DETECTOR PERFORMANCE: 2 — 1 Det. in room or space of fire origin — oper.; 2 Det. not in rm. or space of fire origin — oper.; 3 Det. in rm. or space of origin — no oper.; 4 Det. not in rm. or space of origin — no oper.; 5 Det. in rm. or space of fire origin but fire too small to oper.; 9 Not classified above; 0 Undetermined or not reported; 8 No detectors present (N A)
SPRINKLER PERFORMANCE: 8 — 1 Equipment operated; 2 Equipment should have operated — did not; 3 Equipment pre. but fire too small to oper.; 9 Not classified above; 0 Undetermined or not reported; 8 No equipment present (N A)

(Q) IF SMOKE SPREAD BEYOND ROOM OF ORIGIN — MATERIAL GENERATING MOST SMOKE: Bedding — FORM: Blanket — 3 2 — TYPE: Cotton — 7 2

WEATHER CONDITIONS: Sub-freezing
AVENUE OF SMOKE TRAVEL: 2 — 1 Air handling duct; 2 Corridor; 3 Elevator shaft; 4 Stairwell; 5 Opening in construction; 6 Utility opening in wall; 7 Utility opening in floor; 9 Not classified above; 0 Undetermined or not reported; 8 No avenue of smoke travel (N A)

MEMBER MAKING REPORT: Lt. John Smith
DATE: 1/23/95

Entries contained in this report are intended for the sole use of the State Fire Marshal. Estimations and evaluations made herein represent "most likely" and "most probable" cause and effect. Any representation as to the validity or accuracy of reported conditions outside the State Fire Marshal's office, is neither intended nor implied.
FIRE MARSHAL FM ____ 1 Yes 2 No

ORIGINAL - FIRE DEPARTMENT — CARBON COPY - STATE FIRE MARSHAL

MASSACHUSETTS FIREFIGHTER CASUALTY REPORT

DEPARTMENT OF PUBLIC SAFETY
1010 Commonwealth Avenue

OFFICE OF THE STATE FIRE MARSHAL
Boston, Massachusetts 02215

Massachusetts Fire Incident Reporting System

F.P. 33B

AGAWAM FIRE DEPARTMENT

1 ☐ DELETE
2 ☐ CHANGE

FILL IN THIS REPORT IN YOUR OWN WORDS

	FDID	INCIDENT NO.	EXPOSURE NO.	CASUALTY NO.	INJURY OCCURRED MO DAY YEAR	TIME OF INJURY
FA	1 3 0 0 5	9 5 0 1 3 7	0 0	0 0 1	Friday 0 2 1 5 95	0 0 3 2

	CASUALTY NAME (LAST, FIRST, MI)	TYPE OF CASUALTY
FB	Flint, Fred W.	Fireground

	AGE	SEX	CASE SEVERITY	PRIMARY APPARENT SYMPTOM
FC	2 5	M	Moderate	Puncture Wound 4 4

	PRIMARY PART OF BODY	PATIENT TAKEN TO
FD	Wrist 3 4	Emergency Room 1

	ASSIGNMENT	NO. RESPONSES PRIOR TO INJURY	PHYSICAL CONDITION	STATUS BEFORE ALARM
FE	Fire Suppression 1	One 1	Rested 1	Awake 2

	FIRE FIGHTER ACTIVITY	WHERE INJURY OCCURRED
FF	Using Hand Tools in Extinguishment 3 4	Second Story 4 2

	CAUSE OF FIRE FIGHTER INJURY	MEDICAL CARE PROVIDED
FG	Contact with nail 4 0 7	Hospital, E.R. 5

LOCAL DEPARTMENT HEAD OPTION

PROTECTIVE EQUIPMENT

		PROTECTIVE COAT WORN	STATUS	TYPE PROBLEM
FH		Nomex w/Liner 1	Closed, Collar Up 3	None 7
FI		PROTECTIVE TROUSERS WORN: Nomex w/Out liner 2	STATUS: Worn Properly 2	TYPE PROBLEM: None 7
FJ		BOOTS/SHOES WORN: Knee Length, Steel Shank 1	STATUS: Knee Length 3	TYPE PROBLEM: None 8
FK		HELMET WORN: Leather 1	STATUS: Ear/Neck Protector 3	TYPE PROBLEM: None 7
FL		FACE PROTECTION WORN: Full Face 1	TYPE PROBLEM: No Problem 7	
FM		BREATHING APPARATUS WORN: Positive Pressure 2	STATUS: Properly Worn 5	TYPE PROBLEM: No Problem 9 7
FN		GLOVES WORN: Leather 4	TYPE PROBLEM: Punctured 4	
FO		SPECIAL EQUIPMENT WORN: None 8	STATUS	TYPE PROBLEM

	MEMBER MAKING REPORT	DATE	OFFICER IN CHARGE (NAME, POSITION, ASSIGNMENT)	DATE
FP	Lt. John Smith	2/15/95		

REMARKS

☐ REMARKS CONTINUED ON REVERSE SIDE

FORM FP33

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE PREVENTION

1010 COMMONWEALTH AVENUE, BOSTON 02215

AGAWAM Fire Department

Fill In This Report In Your Own Words

Massachusetts CASUALTY REPORT

FP33

LAYOUT 2

Page ____ of ____

A 50 | FDID: 13005 | Incident No.: 9 5 0 1 3 7 | Exp. No.: 0 0 | Mo.: 0 1 | Day: 2 2 | Year: 9 5

WHITE COPY - FIRE DEPARTMENT RECORD

CANARY COPY - FIRE MARSHAL'S OFFICE

CASUALTY 1

Casualty Number: 0 0 2 | 1 ☐ Delete 2 ☐ Change

	Casualty Last Name	First Name	MI	D.O.B.	Age	Time of Injury
GA	Johnson	Agnes	E	06/17/28	5 8	2 12 13 15

51 GB Home Address: 193 Cherry Street, Apt 2 — Telephone: 413-786-8744

GC
- SEX: 1 ☐ Male; 2 ☒ Female
- CASUALTY TYPE: 1 ☒ Fire Casualty; 2 ☐ Action Casualty; 3 ☐ EMS Casualty
- SEVERITY: 1 ☒ Injury; 2 ☐ Death
- AFFILIATION: 2 ☐ Other Emergency Personnel; 3 ☒ Civilian

GD	Familiarity With Structure: 2 1/2 Years	7	Location of Ignition: Intimately Involved	1	Condition Before Injury: Awake	8
GE	Condition Preventing Escape: Not a Factor	8	Activity at Time of Injury: Fire Control	3	Cause of Injury: Exposed to Fire Products	2
GF	Nature of Injury: Burn on Right Hand	2	Part of Body Injured: Right Hand	5	Disposition: Taken to Hosp by non-F.D.	4

☐ See Remarks on Back ☐ See Additional Report

CASUALTY 2

Casualty Number: | 1 ☐ Delete 2 ☐ Change

	Casualty Last Name	First Name	MI	D.O.B.	Age	Time of Injury
GA						

51 GB Home Address: — Telephone:

GC
- SEX: 1 ☐ Male; 2 ☐ Female
- CASUALTY TYPE: 1 ☐ Fire Casualty; 2 ☐ Action Casualty; 3 ☐ EMS Casualty
- SEVERITY: 1 ☐ Injury; 2 ☐ Death
- AFFILIATION: 2 ☐ Other Emergency Personnel; 3 ☐ Civilian

GD	Familiarity With Structure		Location of Ignition		Condition Before Injury	
GE	Condition Preventing Escape		Activity at Time of Injury		Cause of Injury	
GF	Nature of Injury		Part of Body Injured		Disposition	

☐ See Remarks on Back ☐ See Additional Report

CASUALTY 3

Casualty Number: | 1 ☐ Delete 2 ☐ Change

	Casualty Last Name	First Name	MI	D.O.B.	Age	Time of Injury
GA						

51 GB Home Address: — Telephone:

GC
- SEX: 1 ☐ Male; 2 ☐ Female
- CASUALTY TYPE: 1 ☐ Fire Casualty; 2 ☐ Action Casualty; 3 ☐ EMS Casualty
- SEVERITY: 1 ☐ Injury; 2 ☐ Death
- AFFILIATION: 2 ☐ Other Emergency Personnel; 3 ☐ Civilian

GD	Familiarity With Structure		Location of Ignition		Condition Before Injury	
GE	Condition Preventing Escape		Activity at Time of Injury		Cause of Injury	
GF	Nature of Injury		Part of Body Injured		Disposition	

☐ See Remarks on Back ☐ See Additional Report

Officer In Charge (Name, Position, Assignment): Lt. John Smith — Date: 1/23/95

Member Making Report (If Different From Above) — Date